

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079739.D
 Acq On : 31 Oct 2023 13:00
 Operator : JC\MD
 Sample : VN1031MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 01 01:17:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	271784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	480104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	439758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172761	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	236496	54.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.380%	
35) Dibromofluoromethane	8.171	113	187114	54.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.080%	
50) Toluene-d8	10.571	98	701598	54.861	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.720%	
62) 4-Bromofluorobenzene	12.853	95	209130	51.928	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.860%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	68018	18.958	ug/l	97
3) Chloromethane	2.365	50	79402	18.268	ug/l	97
4) Vinyl Chloride	2.518	62	86684	18.519	ug/l	96
5) Bromomethane	2.959	94	59074	19.226	ug/l	97
6) Chloroethane	3.124	64	66641	19.434	ug/l	97
7) Trichlorofluoromethane	3.501	101	108606	19.731	ug/l	99
8) Diethyl Ether	3.965	74	36656	18.402	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	61898	19.415	ug/l	99
10) Methyl Iodide	4.595	142	63773	19.875	ug/l	92
11) Tert butyl alcohol	5.518	59	49533	85.564	ug/l	99
12) 1,1-Dichloroethene	4.342	96	55288	18.515	ug/l	83
13) Acrolein	4.189	56	54474	93.544	ug/l	94
14) Allyl chloride	5.030	41	97767	19.523	ug/l #	89
15) Acrylonitrile	5.724	53	166863	93.672	ug/l	99
16) Acetone	4.430	43	152641	81.745	ug/l	93
17) Carbon Disulfide	4.712	76	164527	18.043	ug/l	98
18) Methyl Acetate	5.030	43	136973	18.182	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	188445	18.651	ug/l #	90
20) Methylene Chloride	5.283	84	71895	19.443	ug/l #	85
21) trans-1,2-Dichloroethene	5.795	96	63765	18.813	ug/l #	83
22) Diisopropyl ether	6.677	45	215223	19.117	ug/l #	90
23) Vinyl Acetate	6.606	43	560961	90.502	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	130563	19.353	ug/l	97
25) 2-Butanone	7.489	43	220651	86.026	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	100722	18.451	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	74062	18.978	ug/l	87
28) Bromochloromethane	7.818	49	70908	21.489	ug/l #	76
29) Tetrahydrofuran	7.847	42	142442	90.902	ug/l #	76
30) Chloroform	7.971	83	133063	19.588	ug/l	92
31) Cyclohexane	8.259	56	108461	18.215	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	112670	19.133	ug/l	95
36) 1,1-Dichloropropene	8.377	75	95927	18.849	ug/l	95
37) Ethyl Acetate	7.565	43	94791	18.791	ug/l #	90
38) Carbon Tetrachloride	8.365	117	97037	19.120	ug/l	99
39) Methylcyclohexane	9.600	83	90664	17.910	ug/l #	84
40) Benzene	8.612	78	294311	19.594	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079739.D
 Acq On : 31 Oct 2023 13:00
 Operator : JC\MD
 Sample : VN1031MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 01 01:17:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	48799	18.548	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	106853	19.586	ug/l	99
43) Isopropyl Acetate	8.694	43	146534	18.170	ug/l #	90
44) Trichloroethene	9.359	130	67961	18.678	ug/l	98
45) 1,2-Dichloropropane	9.624	63	76726	19.232	ug/l	99
46) Dibromomethane	9.712	93	50875	18.908	ug/l	94
47) Bromodichloromethane	9.894	83	103245	19.128	ug/l	98
48) Methyl methacrylate	9.683	41	67116	17.951	ug/l #	82
49) 1,4-Dioxane	9.700	88	22447	341.170	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	450876	89.853	ug/l	88
52) Toluene	10.635	92	180741	19.710	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	100711	18.477	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	111049	18.622	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	70280	19.379	ug/l	98
56) Ethyl methacrylate	10.877	69	92918	18.142	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	119885	18.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	156751	83.073	ug/l #	88
59) 2-Hexanone	11.200	43	320072	86.750	ug/l	85
60) Dibromochloromethane	11.359	129	71502	19.054	ug/l	100
61) 1,2-Dibromoethane	11.471	107	68499	18.958	ug/l	99
64) Tetrachloroethene	11.106	164	59689	19.133	ug/l	94
65) Chlorobenzene	11.894	112	179144	18.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	67111	18.556	ug/l	98
67) Ethyl Benzene	11.965	91	312915	18.248	ug/l	97
68) m/p-Xylenes	12.076	106	234572	36.985	ug/l	93
69) o-Xylene	12.400	106	110563	18.129	ug/l	93
70) Styrene	12.418	104	181579	18.587	ug/l	97
71) Bromoform	12.582	173	46095	17.794	ug/l #	99
73) Isopropylbenzene	12.700	105	278557	17.801	ug/l	100
74) N-amyl acetate	12.494	43	104984	16.868	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	97616	17.620	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	85738m	18.277	ug/l	
77) Bromobenzene	12.988	156	66523	18.077	ug/l	94
78) n-propylbenzene	13.035	91	329207	18.263	ug/l	96
79) 2-Chlorotoluene	13.129	91	200881	17.878	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	234681	18.398	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	26391	16.970	ug/l #	80
82) 4-Chlorotoluene	13.223	91	197580	18.307	ug/l	98
83) tert-Butylbenzene	13.441	119	185745	17.768	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	225111	18.293	ug/l	99
85) sec-Butylbenzene	13.623	105	266156	18.253	ug/l	98
86) p-Isopropyltoluene	13.735	119	211896	18.245	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	111374	17.890	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	111948	18.050	ug/l	98
89) n-Butylbenzene	14.059	91	159479	17.284	ug/l	95
90) Hexachloroethane	14.335	117	44755	18.238	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	107865	17.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13999	16.385	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	26268	14.554	ug/l	92
94) Hexachlorobutadiene	15.500	225	27471	17.154	ug/l	98
95) Naphthalene	15.647	128	61357	11.710	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	28619	14.200	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
Data File : VN079739.D
Acq On : 31 Oct 2023 13:00
Operator : JC\MD
Sample : VN1031MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 01 01:17:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079739.D
 Acq On : 31 Oct 2023 13:00
 Operator : JC\MD
 Sample : VN1031MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 01 01:17:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

