

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079905.D
 Acq On : 04 Nov 2023 20:04
 Operator : JC\MD
 Sample : VN1104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	291486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	508407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	458284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	256381	57.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.460%			
35) Dibromofluoromethane	8.165	113	194542	54.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.120%			
50) Toluene-d8	10.571	98	710010	53.599	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.200%			
62) 4-Bromofluorobenzene	12.853	95	230194	52.397	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69267	19.728	ug/l	97
3) Chloromethane	2.359	50	81303	17.749	ug/l	98
4) Vinyl Chloride	2.512	62	92383	20.101	ug/l	98
5) Bromomethane	2.959	94	53900	19.302	ug/l	88
6) Chloroethane	3.124	64	61320	16.886	ug/l	97
7) Trichlorofluoromethane	3.495	101	109409	19.140	ug/l	97
8) Diethyl Ether	3.959	74	37960	17.499	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	4.371	101	62873	18.974	ug/l	99
10) Methyl Iodide	4.589	142	61310	16.202	ug/l #	95
11) Tert butyl alcohol	5.524	59	43414	76.582	ug/l	100
12) 1,1-Dichloroethene	4.336	96	54590	17.399	ug/l	84
13) Acrolein	4.189	56	28004	56.017	ug/l	95
14) Allyl chloride	5.030	41	85219	17.734	ug/l #	87
15) Acrylonitrile	5.718	53	172933	97.887	ug/l	99
16) Acetone	4.436	43	146231	93.743	ug/l #	85
17) Carbon Disulfide	4.718	76	156744	17.319	ug/l	97
18) Methyl Acetate	5.030	43	147829	19.808	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	195406	18.090	ug/l	96
20) Methylene Chloride	5.277	84	74985	19.051	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	66745	19.074	ug/l	84
22) Diisopropyl ether	6.677	45	229051	20.568	ug/l #	92
23) Vinyl Acetate	6.612	43	499186	81.263	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	136186	20.120	ug/l	98
25) 2-Butanone	7.489	43	222666	97.478	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	92925	16.600	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	77876	18.605	ug/l	88
28) Bromochloromethane	7.818	49	73712	22.346	ug/l #	76
29) Tetrahydrofuran	7.847	42	152345	102.509	ug/l #	74
30) Chloroform	7.971	83	143643	19.537	ug/l	97
31) Cyclohexane	8.265	56	107134	18.257	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	118576	19.793	ug/l	95
36) 1,1-Dichloropropene	8.377	75	99813	19.427	ug/l	95
37) Ethyl Acetate	7.565	43	91678	19.457	ug/l #	93
38) Carbon Tetrachloride	8.365	117	101162	19.537	ug/l	94
39) Methylcyclohexane	9.606	83	85760	17.737	ug/l #	84
40) Benzene	8.612	78	302178	19.637	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079905.D
 Acq On : 04 Nov 2023 20:04
 Operator : JC\MD
 Sample : VN1104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52177	20.853	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	114388	21.281	ug/l	98
43) Isopropyl Acetate	8.694	43	148698	17.995	ug/l #	92
44) Trichloroethene	9.353	130	73704	19.302	ug/l	98
45) 1,2-Dichloropropane	9.624	63	81927	20.833	ug/l	92
46) Dibromomethane	9.712	93	54098	20.147	ug/l	97
47) Bromodichloromethane	9.894	83	113811	19.874	ug/l	98
48) Methyl methacrylate	9.683	41	71679	19.804	ug/l #	78
49) 1,4-Dioxane	9.700	88	22958	358.970	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	483346	103.897	ug/l	88
52) Toluene	10.635	92	185187	20.299	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	104569	18.626	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	114230	18.668	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	73535	20.040	ug/l	98
56) Ethyl methacrylate	10.877	69	96919	18.517	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	129139	19.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	228393	86.096	ug/l	89
59) 2-Hexanone	11.200	43	342611	96.268	ug/l	85
60) Dibromochloromethane	11.365	129	77512	19.735	ug/l	100
61) 1,2-Dibromoethane	11.471	107	71477	19.408	ug/l	97
64) Tetrachloroethene	11.106	164	69669	23.473	ug/l	97
65) Chlorobenzene	11.894	112	192031	19.317	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	70665	19.730	ug/l	96
67) Ethyl Benzene	11.965	91	324078	18.711	ug/l	97
68) m/p-Xylenes	12.076	106	242442	37.577	ug/l	92
69) o-Xylene	12.406	106	116021	18.674	ug/l	94
70) Styrene	12.418	104	193381	19.368	ug/l	98
71) Bromoform	12.582	173	50286	19.772	ug/l #	98
73) Isopropylbenzene	12.700	105	286100	18.877	ug/l	99
74) N-amyl acetate	12.494	43	111046	16.786	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	104234	19.398	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	95915m	20.458	ug/l	
77) Bromobenzene	12.982	156	72458	19.528	ug/l	93
78) n-propylbenzene	13.041	91	345215	19.891	ug/l	97
79) 2-Chlorotoluene	13.129	91	214508	19.347	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	237374	20.131	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	28170	16.348	ug/l #	68
82) 4-Chlorotoluene	13.223	91	215714	19.579	ug/l	98
83) tert-Butylbenzene	13.441	119	193132	20.009	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	233407	20.119	ug/l	99
85) sec-Butylbenzene	13.618	105	266592	19.936	ug/l	100
86) p-Isopropyltoluene	13.735	119	210099	19.270	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	130097	18.848	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	130743	18.661	ug/l	98
89) n-Butylbenzene	14.059	91	170146	18.119	ug/l	98
90) Hexachloroethane	14.335	117	41683	19.305	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	126714	19.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18135	19.901	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	53390	17.232	ug/l	99
94) Hexachlorobutadiene	15.506	225	27484	19.568	ug/l	97
95) Naphthalene	15.647	128	145739	13.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	52387	17.249	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
Data File : VN079905.D
Acq On : 04 Nov 2023 20:04
Operator : JC\MD
Sample : VN1104MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:19:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

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

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

