

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079496.D
 Acq On : 10 Oct 2023 16:25
 Operator : JC\MD
 Sample : VN1010MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 06:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	303487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	543434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	492487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	238948	48.559	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.120%		
35) Dibromofluoromethane	8.171	113	185285	47.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	10.571	98	711056	50.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.640%		
62) 4-Bromofluorobenzene	12.853	95	240865	53.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	88288	20.302	ug/l	97
3) Chloromethane	2.365	50	100825	18.581	ug/l	98
4) Vinyl Chloride	2.518	62	102679	18.192	ug/l	90
5) Bromomethane	2.947	94	45711	13.529	ug/l	97
6) Chloroethane	3.118	64	64551	15.170	ug/l	100
7) Trichlorofluoromethane	3.495	101	117575	17.643	ug/l	98
8) Diethyl Ether	3.965	74	44367	18.675	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	64160	16.475	ug/l	99
10) Methyl Iodide	4.589	142	53507	15.834	ug/l	99
11) Tert butyl alcohol	5.524	59	67589	91.260	ug/l	100
12) 1,1-Dichloroethene	4.347	96	64660	18.033	ug/l #	81
13) Acrolein	4.183	56	92940	126.028	ug/l	97
14) Allyl chloride	5.024	41	102497	17.713	ug/l #	91
15) Acrylonitrile	5.724	53	190221	88.591	ug/l	98
16) Acetone	4.436	43	182630	93.572	ug/l	93
17) Carbon Disulfide	4.712	76	171398	15.324	ug/l	99
18) Methyl Acetate	5.030	43	162341	16.994	ug/l #	85
19) Methyl tert-butyl Ether	5.806	73	227154	19.497	ug/l	98
20) Methylene Chloride	5.277	84	77492	17.743	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	70003	16.715	ug/l #	80
22) Diisopropyl ether	6.677	45	249457	19.225	ug/l #	91
23) Vinyl Acetate	6.612	43	689107	94.416	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	142195	17.906	ug/l	97
25) 2-Butanone	7.488	43	264079	91.162	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	117550	19.370	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	81427	17.897	ug/l	85
28) Bromochloromethane	7.818	49	74970	19.842	ug/l #	74
29) Tetrahydrofuran	7.847	42	168278	89.820	ug/l #	77
30) Chloroform	7.971	83	140521	17.514	ug/l	98
31) Cyclohexane	8.259	56	120134	17.211	ug/l #	80
32) 1,1,1-Trichloroethane	8.177	97	122647	18.164	ug/l	96
36) 1,1-Dichloropropene	8.377	75	104714	17.865	ug/l	95
37) Ethyl Acetate	7.565	43	104548	17.926	ug/l #	93
38) Carbon Tetrachloride	8.371	117	103675	17.668	ug/l	94
39) Methylcyclohexane	9.606	83	107511	19.092	ug/l	90
40) Benzene	8.612	78	317187	18.222	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079496.D
 Acq On : 10 Oct 2023 16:25
 Operator : JC\MD
 Sample : VN1010MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 06:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	57180	18.649	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	112594	17.801	ug/l	98
43) Isopropyl Acetate	8.694	43	247790	24.251	ug/l #	79
44) Trichloroethene	9.359	130	72066	17.590	ug/l	95
45) 1,2-Dichloropropane	9.624	63	84862	18.503	ug/l	99
46) Dibromomethane	9.712	93	54513	18.352	ug/l	97
47) Bromodichloromethane	9.888	83	109583	17.934	ug/l	98
48) Methyl methacrylate	9.688	41	84947	19.401	ug/l #	79
49) 1,4-Dioxane	9.700	88	30881	382.899	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	542472	94.049	ug/l	90
52) Toluene	10.635	92	207182	20.220	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	121078	19.663	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	129598	19.226	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	78747	19.143	ug/l	98
56) Ethyl methacrylate	10.876	69	121045	21.414	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	137047	19.294	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	240623	111.154	ug/l #	88
59) 2-Hexanone	11.200	43	401957	96.573	ug/l	88
60) Dibromochloromethane	11.359	129	77874	18.836	ug/l	98
61) 1,2-Dibromoethane	11.476	107	74085	18.148	ug/l	100
64) Tetrachloroethene	11.106	164	58568	17.287	ug/l	97
65) Chlorobenzene	11.894	112	199974	18.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	83959	20.907	ug/l	90
67) Ethyl Benzene	11.965	91	385312	20.212	ug/l	99
68) m/p-Xylenes	12.076	106	298176	43.048	ug/l	95
69) o-Xylene	12.400	106	145270	21.326	ug/l	90
70) Styrene	12.412	104	226520	21.053	ug/l	94
71) Bromoform	12.582	173	52049	17.709	ug/l #	99
73) Isopropylbenzene	12.700	105	347960	18.759	ug/l	100
74) N-amyl acetate	12.494	43	141694	18.633	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	120758	19.427	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	101577m	17.669	ug/l	
77) Bromobenzene	12.988	156	78387	17.235	ug/l	96
78) n-propylbenzene	13.041	91	406946	19.391	ug/l	90
79) 2-Chlorotoluene	13.129	91	242536	18.060	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	287501	19.656	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	32161	16.233	ug/l #	81
82) 4-Chlorotoluene	13.223	91	230790	18.060	ug/l	97
83) tert-Butylbenzene	13.441	119	228006	19.026	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	344579	24.685	ug/l	97
85) sec-Butylbenzene	13.617	105	355555	21.271	ug/l	97
86) p-Isopropyltoluene	13.735	119	269593	21.024	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	135250	18.749	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	125516	16.851	ug/l	95
89) n-Butylbenzene	14.059	91	243943	23.822	ug/l	97
90) Hexachloroethane	14.335	117	51371	19.087	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	127656	18.142	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18527	17.273	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	54055	24.804	ug/l	96
94) Hexachlorobutadiene	15.506	225	31924	18.808	ug/l	94
95) Naphthalene	15.641	128	275347	41.375	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	57850	22.244	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
Data File : VN079496.D
Acq On : 10 Oct 2023 16:25
Operator : JC\MD
Sample : VN1010MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 06:20:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

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

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

