

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073492.D
 Acq On : 18 Jul 2022 12:12
 Operator : JC\MD
 Sample : VN0718MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

Quant Time: Jul 18 15:29:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	191712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	337027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	304436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	144485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	149747	54.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.220%			
35) Dibromofluoromethane	7.951	113	120603	53.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	10.380	98	402456	50.535	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.669	95	160164	52.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	51150	18.249	ug/l	98
3) Chloromethane	2.269	50	49396	18.153	ug/l	98
4) Vinyl Chloride	2.404	62	43898	18.986	ug/l	99
5) Bromomethane	2.799	94	22449	20.557	ug/l	95
6) Chloroethane	2.963	64	30014	22.068	ug/l #	87
7) Trichlorofluoromethane	3.310	101	79578	19.908	ug/l	95
8) Diethyl Ether	3.763	74	34405	21.144	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.146	101	48232	20.421	ug/l	95
10) Methyl Iodide	4.351	142	43878	16.607	ug/l	95
11) Tert butyl alcohol	5.281	59	75653	112.842	ug/l	99
12) 1,1-Dichloroethene	4.116	96	42697	18.919	ug/l	95
13) Acrolein	3.981	56	16089	37.967	ug/l	98
14) Allyl chloride	4.763	41	102517	21.563	ug/l #	90
15) Acrylonitrile	5.475	53	215778	125.026	ug/l	99
16) Acetone	4.222	43	195418	125.793	ug/l	93
17) Carbon Disulfide	4.457	76	94105	16.081	ug/l #	93
18) Methyl Acetate	4.781	43	118939	27.321	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	178227	21.668	ug/l	99
20) Methylene Chloride	5.016	84	57867	21.196	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	47712	20.233	ug/l	95
22) Diisopropyl ether	6.410	45	209196	23.580	ug/l	96
23) Vinyl Acetate	6.351	43	874142	110.052	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	103802	22.610	ug/l	99
25) 2-Butanone	7.257	43	324351	131.140	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	79576	18.741	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	59340	20.780	ug/l	94
28) Bromochloromethane	7.581	49	46723	24.300	ug/l #	77
29) Tetrahydrofuran	7.610	42	216602	127.899	ug/l #	83
30) Chloroform	7.745	83	102801	22.232	ug/l	96
31) Cyclohexane	8.022	56	84451	18.632	ug/l	87
32) 1,1,1-Trichloroethane	7.939	97	86235	20.927	ug/l	99
36) 1,1-Dichloropropene	8.145	75	68264	19.785	ug/l	97
37) Ethyl Acetate	7.334	43	109556	21.015	ug/l	97
38) Carbon Tetrachloride	8.134	117	68316	19.147	ug/l	95
39) Methylcyclohexane	9.392	83	75558	17.590	ug/l	89
40) Benzene	8.392	78	226631	21.284	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073492.D
 Acq On : 18 Jul 2022 12:12
 Operator : JC\MD
 Sample : VN0718MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

Quant Time: Jul 18 15:29:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	61883	24.476	ug/l #	82
42) 1,2-Dichloroethane	8.463	62	83901	21.737	ug/l	98
43) Isopropyl Acetate	8.492	43	175181	23.382	ug/l #	92
44) Trichloroethene	9.151	130	51810	19.120	ug/l	96
45) 1,2-Dichloropropane	9.428	63	60939	22.454	ug/l	94
46) Dibromomethane	9.510	93	39595	21.487	ug/l	89
47) Bromodichloromethane	9.698	83	81108	22.726	ug/l	97
48) Methyl methacrylate	9.498	41	78351	22.586	ug/l	90
49) 1,4-Dioxane	9.504	88	31268	474.802	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	599908	126.263	ug/l	90
52) Toluene	10.445	92	134057	20.372	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	77294	19.673	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	86786	20.460	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	59107	21.818	ug/l	97
56) Ethyl methacrylate	10.704	69	92057	21.024	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	100816	21.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	209132	107.093	ug/l	94
59) 2-Hexanone	11.027	43	446120	123.178	ug/l	89
60) Dibromochloromethane	11.180	129	57303	22.186	ug/l	99
61) 1,2-Dibromoethane	11.286	107	57420	21.220	ug/l	98
64) Tetrachloroethene	10.916	164	48174	19.379	ug/l	89
65) Chlorobenzene	11.710	112	141200	20.508	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	54518	21.527	ug/l	99
67) Ethyl Benzene	11.786	91	254287	20.343	ug/l	97
68) m/p-Xylenes	11.892	106	190026	40.281	ug/l	96
69) o-Xylene	12.221	106	94945	19.715	ug/l	95
70) Styrene	12.233	104	156590	21.060	ug/l	98
71) Bromoform	12.398	173	39381	21.251	ug/l #	96
73) Isopropylbenzene	12.521	105	246219	19.734	ug/l	100
74) N-amyl acetate	12.327	43	126141	20.191	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.769	83	94155	22.741	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	93682m	24.797	ug/l	
77) Bromobenzene	12.798	156	55299	19.063	ug/l	79
78) n-propylbenzene	12.863	91	277033	19.987	ug/l	99
79) 2-Chlorotoluene	12.945	91	176455	20.114	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	203055	19.967	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	26778	19.438	ug/l	93
82) 4-Chlorotoluene	13.045	91	174251	20.517	ug/l	94
83) tert-Butylbenzene	13.263	119	179787	19.719	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	201696	19.865	ug/l	97
85) sec-Butylbenzene	13.439	105	252299	20.608	ug/l	97
86) p-Isopropyltoluene	13.557	119	199810	20.204	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	103843	19.954	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	100341	19.244	ug/l	98
89) n-Butylbenzene	13.880	91	154975	18.805	ug/l	97
90) Hexachloroethane	14.151	117	37991	20.613	ug/l	83
91) 1,2-Dichlorobenzene	13.927	146	106827	20.151	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20276	20.149	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	50470	18.284	ug/l	97
94) Hexachlorobutadiene	15.298	225	24117	19.654	ug/l	97
95) Naphthalene	15.433	128	194520	17.468	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	54059	18.985	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073492.D
 Acq On : 18 Jul 2022 12:12
 Operator : JC\MD
 Sample : VN0718MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0718MBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

Quant Time: Jul 18 15:29:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

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

