

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070779.D
 Acq On : 25 Jan 2022 17:33
 Operator : JC/MD
 Sample : VN0125MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0125MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 00:50:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	703571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1151210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1044572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	422584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	476935	47.300	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.600%		
35) Dibromofluoromethane	8.021	113	331150	46.373	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.740%		
50) Toluene-d8	10.441	98	1349141	44.847	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.700%		
62) 4-Bromofluorobenzene	12.731	95	469625	43.809	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	136094	16.740	ug/l	97
3) Chloromethane	2.303	50	184075	15.489	ug/l	99
4) Vinyl Chloride	2.448	62	204908	18.129	ug/l	98
5) Bromomethane	2.851	94	123822	21.034	ug/l	98
6) Chloroethane	3.017	64	134706	19.098	ug/l	100
7) Trichlorofluoromethane	3.373	101	259342	20.085	ug/l	100
8) Diethyl Ether	3.824	74	94038	16.672	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.208	101	127909	16.390	ug/l	97
10) Methyl Iodide	4.417	142	173305	17.222	ug/l	97
11) Tert butyl alcohol	5.382	59	188063	103.379	ug/l	98
12) 1,1-Dichloroethene	4.178	96	124031	15.935	ug/l	89
13) Acrolein	4.041	56	250015	95.828	ug/l	99
14) Allyl chloride	4.838	41	286980	16.922	ug/l	86
15) Acrylonitrile	5.557	53	538865	93.115	ug/l	99
16) Acetone	4.288	43	610456	87.226	ug/l	100
17) Carbon Disulfide	4.527	76	324317	15.342	ug/l	98
18) Methyl Acetate	4.857	43	251437	18.268	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	516755	18.585	ug/l	97
20) Methylene Chloride	5.093	84	158669	17.212	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	134443	17.162	ug/l	85
22) Diisopropyl ether	6.498	45	600787	17.873	ug/l	92
23) Vinyl Acetate	6.434	43	2577120	90.443	ug/l	95
24) 1,1-Dichloroethane	6.391	63	301143	17.910	ug/l	98
25) 2-Butanone	7.337	43	823968	93.563	ug/l	93
26) 2,2-Dichloropropane	7.324	77	239119	18.549	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	164384	17.665	ug/l	85
28) Bromochloromethane	7.657	49	139791	18.517	ug/l #	79
29) Tetrahydrofuran	7.686	42	522445	96.887	ug/l	89
30) Chloroform	7.815	83	295680	17.681	ug/l	99
31) Cyclohexane	8.094	56	292267	16.461	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	248131	19.012	ug/l	98
36) 1,1-Dichloropropene	8.220	75	212695	17.693	ug/l	95
37) Ethyl Acetate	7.415	43	293252	18.374	ug/l	98
38) Carbon Tetrachloride	8.204	117	203839	19.060	ug/l	98
39) Methylcyclohexane	9.459	83	246973	16.641	ug/l	89
40) Benzene	8.459	78	664633	17.843	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	152069	18.728	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	248257	19.221	ug/l	98
43) Isopropyl Acetate	8.560	43	453192	18.590	ug/l	96
44) Trichloroethene	9.215	130	145821	17.268	ug/l	88
45) 1,2-Dichloropropane	9.491	63	181467	17.905	ug/l	97
46) Dibromomethane	9.577	93	109234	18.536	ug/l	94
47) Bromodichloromethane	9.762	83	223521	18.555	ug/l	100
48) Methyl methacrylate	9.558	41	206884	17.814	ug/l #	84
49) 1,4-Dioxane	9.569	88	72666	416.554	ug/l #	82
51) 4-Methyl-2-Pentanone	10.331	43	1526199	98.115	ug/l	98
52) Toluene	10.505	92	409641	18.385	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	241650	18.151	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	263896	18.267	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	160840	18.375	ug/l	97
56) Ethyl methacrylate	10.760	69	272711	17.929	ug/l	90
57) 1,3-Dichloropropane	11.044	76	288342	18.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	308121	87.998	ug/l	91
59) 2-Hexanone	11.084	43	1129042	99.914	ug/l	96
60) Dibromochloromethane	11.237	129	153515	18.802	ug/l	100
61) 1,2-Dibromoethane	11.344	107	161211	18.344	ug/l	99
64) Tetrachloroethene	10.977	164	131296	17.143	ug/l	93
65) Chlorobenzene	11.768	112	411152	18.167	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	149205	19.145	ug/l	99
67) Ethyl Benzene	11.843	91	778806	18.561	ug/l	95
68) m/p-Xylenes	11.953	106	564849	37.004	ug/l	90
69) o-Xylene	12.280	106	280177	18.496	ug/l	89
70) Styrene	12.294	104	454028	18.735	ug/l	94
71) Bromoform	12.457	173	113519	19.283	ug/l #	99
73) Isopropylbenzene	12.578	105	742135	18.563	ug/l	97
74) N-amyl acetate	12.388	43	299055	18.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	260479	19.292	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	215227m	19.203	ug/l	
77) Bromobenzene	12.860	156	168990	18.853	ug/l	75
78) n-propylbenzene	12.919	91	828760	18.536	ug/l	96
79) 2-Chlorotoluene	13.007	91	526885	18.629	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	607979	18.806	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	68238	18.138	ug/l	96
82) 4-Chlorotoluene	13.104	91	496440	18.787	ug/l	91
83) tert-Butylbenzene	13.324	119	520438	18.493	ug/l	92
84) 1,2,4-Trimethylbenzene	13.367	105	600406	19.320	ug/l	96
85) sec-Butylbenzene	13.501	105	716259	18.721	ug/l	97
86) p-Isopropyltoluene	13.616	119	570552	18.984	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	279430	18.740	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	268173	18.072	ug/l	95
89) n-Butylbenzene	13.940	91	439851	17.740	ug/l	97
90) Hexachloroethane	14.209	117	97432	18.545	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	274589	18.639	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	45660	19.936	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	120297	17.778	ug/l	96
94) Hexachlorobutadiene	15.370	225	84024	19.258	ug/l	99
95) Naphthalene	15.507	128	310080	17.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	119275	18.170	ug/l	97

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

