

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080245.D
 Acq On : 22 Nov 2023 14:06
 Operator : JC\MD
 Sample : VN1122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:20:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	219330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	315506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	183580	50.692	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.380%			
35) Dibromofluoromethane	8.171	113	130345	51.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.260%			
50) Toluene-d8	10.571	98	461153	50.676	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.853	95	174894	50.882	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57552	17.616	ug/l	98
3) Chloromethane	2.365	50	41517	16.902	ug/l	92
4) Vinyl Chloride	2.512	62	46990	18.077	ug/l	94
5) Bromomethane	2.954	94	29812	16.894	ug/l	98
6) Chloroethane	3.118	64	31469	18.480	ug/l	90
7) Trichlorofluoromethane	3.495	101	98129	18.097	ug/l	97
8) Diethyl Ether	3.959	74	26590	16.861	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	44523	17.964	ug/l	97
10) Methyl Iodide	4.589	142	47331	17.671	ug/l #	83
11) Tert butyl alcohol	5.518	59	39815	99.975	ug/l	97
12) 1,1-Dichloroethene	4.336	96	39768	17.155	ug/l	89
13) Acrolein	4.177	56	33424	94.834	ug/l	94
14) Allyl chloride	5.030	41	50784	17.412	ug/l	94
15) Acrylonitrile	5.718	53	103804	97.093	ug/l	98
16) Acetone	4.430	43	91304	75.063	ug/l	95
17) Carbon Disulfide	4.712	76	107791	15.573	ug/l	99
18) Methyl Acetate	5.030	43	76052	19.460	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	153877	18.796	ug/l	99
20) Methylene Chloride	5.271	84	51093	20.058	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	45675	17.935	ug/l #	82
22) Diisopropyl ether	6.677	45	124014	19.219	ug/l	93
23) Vinyl Acetate	6.606	43	350264	90.290	ug/l	94
24) 1,1-Dichloroethane	6.571	63	85120	18.111	ug/l	96
25) 2-Butanone	7.483	43	123029	85.130	ug/l	88
26) 2,2-Dichloropropane	7.489	77	81611	17.503	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	51636	17.884	ug/l	86
28) Bromochloromethane	7.812	49	37686	20.397	ug/l	98
29) Tetrahydrofuran	7.841	42	77894	100.394	ug/l	91
30) Chloroform	7.965	83	102883	19.585	ug/l	94
31) Cyclohexane	8.265	56	64363	16.342	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	98331	19.195	ug/l	99
36) 1,1-Dichloropropene	8.371	75	66578	18.216	ug/l	95
37) Ethyl Acetate	7.559	43	50661	19.984	ug/l	98
38) Carbon Tetrachloride	8.365	117	88149	19.006	ug/l	98
39) Methylcyclohexane	9.606	83	60700	17.225	ug/l	91
40) Benzene	8.612	78	194748	18.748	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28826	20.705	ug/l	92
42) 1,2-Dichloroethane	8.671	62	85815	20.193	ug/l	95
43) Isopropyl Acetate	8.694	43	91552	18.558	ug/l	97
44) Trichloroethene	9.359	130	50071	18.376	ug/l	94
45) 1,2-Dichloropropane	9.624	63	46007	19.059	ug/l	96
46) Dibromomethane	9.706	93	36451	19.948	ug/l	91
47) Bromodichloromethane	9.888	83	79183	19.699	ug/l	94
48) Methyl methacrylate	9.683	41	50890	20.017	ug/l	90
49) 1,4-Dioxane	9.694	88	17521	414.260	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	260917	102.156	ug/l	98
52) Toluene	10.635	92	127924	19.678	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	77733	18.822	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	82624	19.583	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	48764	19.654	ug/l	97
56) Ethyl methacrylate	10.877	69	52733	20.804	ug/l	96
57) 1,3-Dichloropropane	11.165	76	85855	19.819	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	147868	103.551	ug/l	99
59) 2-Hexanone	11.200	43	193497	94.280	ug/l	95
60) Dibromochloromethane	11.365	129	61641	20.751	ug/l	99
61) 1,2-Dibromoethane	11.471	107	49165	19.424	ug/l	98
64) Tetrachloroethene	11.106	164	42343	17.586	ug/l	97
65) Chlorobenzene	11.894	112	128564	17.983	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	55532	20.016	ug/l	93
67) Ethyl Benzene	11.965	91	233820	18.380	ug/l	94
68) m/p-Xylenes	12.076	106	174894	37.706	ug/l	87
69) o-Xylene	12.400	106	83016	18.991	ug/l	86
70) Styrene	12.412	104	125026	19.216	ug/l	92
71) Bromoform	12.582	173	40458	19.665	ug/l #	95
73) Isopropylbenzene	12.700	105	222076	18.210	ug/l	98
74) N-amyl acetate	12.494	43	66744	17.550	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	68775	18.842	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	68070m	17.702	ug/l	
77) Bromobenzene	12.982	156	57454	18.686	ug/l	96
78) n-propylbenzene	13.041	91	248521	18.223	ug/l	99
79) 2-Chlorotoluene	13.129	91	164110	18.528	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	194689	18.339	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	20690	18.178	ug/l #	87
82) 4-Chlorotoluene	13.223	91	166310	18.328	ug/l	95
83) tert-Butylbenzene	13.441	119	153659	18.049	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	194951	18.649	ug/l	97
85) sec-Butylbenzene	13.623	105	195102	18.116	ug/l	99
86) p-Isopropyltoluene	13.735	119	177179	18.416	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100378	18.120	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	100019	17.966	ug/l	97
89) n-Butylbenzene	14.059	91	136403	16.939	ug/l	99
90) Hexachloroethane	14.335	117	32391	17.270	ug/l	67
91) 1,2-Dichlorobenzene	14.112	146	94937	17.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	15537	18.326	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	48074	15.592	ug/l	96
94) Hexachlorobutadiene	15.506	225	27065	15.254	ug/l	94
95) Naphthalene	15.647	128	138295	15.468	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	48656	16.836	ug/l	98

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

