

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069752.D
 Acq On : 4 Dec 2021 6:29
 Operator : JC/MD
 Sample : M4922-18MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20211130MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 07:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1075873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1781677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1671426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	736755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	784608	47.233	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.460%		
35) Dibromofluoromethane	8.021	113	550041	49.287	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.580%		
50) Toluene-d8	10.440	98	2147831	47.931	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.860%		
62) 4-Bromofluorobenzene	12.731	95	782681	48.212	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	625548	49.851	ug/l	99
3) Chloromethane	2.303	50	729577	46.408	ug/l	100
4) Vinyl Chloride	2.448	62	697468	48.250	ug/l	100
5) Bromomethane	2.853	94	282755	36.004	ug/l	96
6) Chloroethane	3.019	64	414420	46.784	ug/l	97
7) Trichlorofluoromethane	3.379	101	910447	47.989	ug/l	97
8) Diethyl Ether	3.824	74	356307	48.763	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	547943	51.523	ug/l	96
10) Methyl Iodide	4.419	142	488992	33.657	ug/l	97
11) Tert butyl alcohol	5.377	59	564973	179.929	ug/l	100
12) 1,1-Dichloroethene	4.183	96	520392	50.779	ug/l	90
13) Acrolein	4.041	56	400457	149.761	ug/l	100
14) Allyl chloride	4.840	41	1090586	47.227	ug/l	94
15) Acrylonitrile	5.554	53	1866693	220.621	ug/l	99
16) Acetone	4.285	43	1704688	170.596	ug/l	95
17) Carbon Disulfide	4.529	76	1337972	50.535	ug/l	98
18) Methyl Acetate	4.854	43	1165217	38.632	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1921171	48.213	ug/l	96
20) Methylene Chloride	5.092	84	607029	45.696	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	540305	48.540	ug/l	86
22) Diisopropyl ether	6.495	45	2251374	49.880	ug/l	94
23) Vinyl Acetate	6.433	43	8087812	220.251	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1170025	50.042	ug/l	98
25) 2-Butanone	7.335	43	2719417	200.296	ug/l	91
26) 2,2-Dichloropropane	7.327	77	726014	39.937	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	671152	49.906	ug/l	88
28) Bromochloromethane	7.656	49	600719	49.408	ug/l #	80
29) Tetrahydrofuran	7.683	42	1810351	219.589	ug/l	88
30) Chloroform	7.817	83	1170474	49.568	ug/l	99
31) Cyclohexane	8.094	56	1106258	47.854	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	997806	49.608	ug/l	95
36) 1,1-Dichloropropene	8.222	75	852105	50.239	ug/l	96
37) Ethyl Acetate	7.412	43	990349	39.231	ug/l	95
38) Carbon Tetrachloride	8.204	117	862546	51.860	ug/l	100
39) Methylcyclohexane	9.459	83	994985	49.318	ug/l	88
40) Benzene	8.458	78	2545667	49.103	ug/l	99

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41) Methacrylonitrile	7.635	41	563505	47.551	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	1021104	48.791	ug/l	96
43) Isopropyl Acetate	8.560	43	1677001	44.891	ug/l #	93
44) Trichloroethene	9.215	130	2728389	220.495	ug/l	92
45) 1,2-Dichloropropane	9.488	63	690830	49.622	ug/l	99
46) Dibromomethane	9.577	93	449553	49.237	ug/l	92
47) Bromodichloromethane	9.762	83	876407	50.697	ug/l	99
48) Methyl methacrylate	9.558	41	816569	46.838	ug/l	89
49) 1,4-Dioxane	9.569	88	240549	768.978	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	5596418	230.925	ug/l	95
52) Toluene	10.505	92	1565963	49.476	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	906616	43.955	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	980048	45.110	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	626909	49.090	ug/l	98
56) Ethyl methacrylate	10.759	69	1046700	43.738	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1101963	49.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.060	63	626	18.478	ug/l #	45
59) 2-Hexanone	11.084	43	3969561	216.527	ug/l	93
60) Dibromochloromethane	11.237	129	623171	45.755	ug/l	99
61) 1,2-Dibromoethane	11.344	107	640200	48.400	ug/l	100
64) Tetrachloroethene	10.977	164	505504	44.603	ug/l	93
65) Chlorobenzene	11.768	112	1648619	48.620	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	599172	50.204	ug/l	100
67) Ethyl Benzene	11.843	91	3088225	50.139	ug/l	96
68) m/p-Xylenes	11.953	106	2271547	101.288	ug/l	92
69) o-Xylene	12.277	106	1122746	49.701	ug/l	91
70) Styrene	12.294	104	1829725	51.080	ug/l	96
71) Bromoform	12.457	173	449982	44.406	ug/l #	100
73) Isopropylbenzene	12.578	105	2971095	45.325	ug/l	98
74) N-amyl acetate	12.387	43	1152549	39.758	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	984710	43.442	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	819588m	38.791	ug/l	
77) Bromobenzene	12.859	156	677137	43.979	ug/l	79
78) n-propylbenzene	12.918	91	3403875	46.665	ug/l	97
79) 2-Chlorotoluene	13.007	91	2092666	45.403	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2425213	45.966	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	239845	38.196	ug/l	92
82) 4-Chlorotoluene	13.104	91	2000666	46.156	ug/l	93
83) tert-Butylbenzene	13.323	119	2125084	45.488	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2382588	47.418	ug/l	98
85) sec-Butylbenzene	13.500	105	2921375	46.101	ug/l	98
86) p-Isopropyltoluene	13.616	119	2337224	47.186	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1171259	46.305	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1133659	45.606	ug/l	97
89) n-Butylbenzene	13.943	91	1864642	46.407	ug/l	98
90) Hexachloroethane	14.209	117	399045	45.886	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	1138339	46.188	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	174410	42.580	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	488451	40.961	ug/l	98
94) Hexachlorobutadiene	15.367	225	274018	41.952	ug/l	99
95) Naphthalene	15.504	128	1288507	36.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	471719	40.527	ug/l	98

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

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