

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069731.D
 Acq On : 3 Dec 2021 20:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 05:37:29 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	8.083	168	1190611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1974408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1840193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	800424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	791311	43.046	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.100%		
35) Dibromofluoromethane	8.021	113	548888	44.382	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.760%		
50) Toluene-d8	10.440	98	2154182	43.380	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.760%		
62) 4-Bromofluorobenzene	12.731	95	778151	43.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	630100	45.374	ug/l	100
3) Chloromethane	2.303	50	754245	43.354	ug/l	100
4) Vinyl Chloride	2.445	62	712387	44.533	ug/l	99
5) Bromomethane	2.840	94	385716	44.382	ug/l	97
6) Chloroethane	3.011	64	430357	43.902	ug/l	98
7) Trichlorofluoromethane	3.371	101	933812	44.477	ug/l	98
8) Diethyl Ether	3.821	74	357204	44.174	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.205	101	526068	44.699	ug/l	96
10) Methyl Iodide	4.417	142	720048	44.785	ug/l	97
11) Tert butyl alcohol	5.377	59	630818	181.539	ug/l	99
12) 1,1-Dichloroethene	4.175	96	504316	44.468	ug/l	90
13) Acrolein	4.039	56	577031	195.000	ug/l	99
14) Allyl chloride	4.838	41	1112315	43.526	ug/l	94
15) Acrylonitrile	5.554	53	1964045	209.757	ug/l	99
16) Acetone	4.285	43	1825440	165.075	ug/l	96
17) Carbon Disulfide	4.527	76	1317232	44.957	ug/l	100
18) Methyl Acetate	4.854	43	1348330	40.395	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1946000	44.130	ug/l	97
20) Methylene Chloride	5.093	84	622267	42.329	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	544542	44.206	ug/l	88
22) Diisopropyl ether	6.498	45	2268333	45.412	ug/l	95
23) Vinyl Acetate	6.434	43	9304240	228.959	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1168604	45.164	ug/l	98
25) 2-Butanone	7.335	43	2892610	192.521	ug/l	91
26) 2,2-Dichloropropane	7.324	77	831906	41.352	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	664045	44.619	ug/l	88
28) Bromochloromethane	7.657	49	581427	43.212	ug/l #	78
29) Tetrahydrofuran	7.683	42	1899486	208.197	ug/l	89
30) Chloroform	7.817	83	1178334	45.092	ug/l	99
31) Cyclohexane	8.094	56	1126072	44.017	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1011162	45.427	ug/l	96
36) 1,1-Dichloropropene	8.220	75	861309	45.825	ug/l	97
37) Ethyl Acetate	7.412	43	1172550	41.914	ug/l	95
38) Carbon Tetrachloride	8.204	117	850508	46.144	ug/l	99
39) Methylcyclohexane	9.459	83	1024549	45.827	ug/l	90
40) Benzene	8.458	78	2609878	45.428	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	578778	44.073	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	1035350	44.643	ug/l	96
43) Isopropyl Acetate	8.560	43	1792803	43.306	ug/l #	94
44) Trichloroethene	9.215	130	634334	46.260	ug/l	93
45) 1,2-Dichloropropane	9.488	63	693663	44.962	ug/l	100
46) Dibromomethane	9.577	93	456497	45.117	ug/l	93
47) Bromodichloromethane	9.762	83	899856	46.973	ug/l	100
48) Methyl methacrylate	9.558	41	844255	43.699	ug/l	89
49) 1,4-Dioxane	9.569	88	282684	815.462	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5912819	220.164	ug/l	95
52) Toluene	10.505	92	1616294	46.081	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	936902	41.178	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1024200	42.654	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	633186	44.742	ug/l	97
56) Ethyl methacrylate	10.760	69	1097420	41.503	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1116049	44.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1362928	193.494	ug/l	92
59) 2-Hexanone	11.084	43	4217383	207.589	ug/l	93
60) Dibromochloromethane	11.237	129	639323	42.535	ug/l	100
61) 1,2-Dibromoethane	11.344	107	665085	45.373	ug/l	99
64) Tetrachloroethene	10.977	164	570332	45.708	ug/l	95
65) Chlorobenzene	11.771	112	1699074	45.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	619119	47.118	ug/l	99
67) Ethyl Benzene	11.843	91	3190588	47.050	ug/l	97
68) m/p-Xylenes	11.953	106	2332573	94.470	ug/l	91
69) o-Xylene	12.280	106	1164476	46.821	ug/l	92
70) Styrene	12.294	104	1913279	48.514	ug/l	96
71) Bromoform	12.457	173	463311	41.705	ug/l #	100
73) Isopropylbenzene	12.578	105	3102571	43.566	ug/l	98
74) N-amyl acetate	12.388	43	1300299	41.287	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1012750	41.125	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	922988m	40.210	ug/l	
77) Bromobenzene	12.860	156	706387	42.229	ug/l	80
78) n-propylbenzene	12.921	91	3520288	44.422	ug/l	96
79) 2-Chlorotoluene	13.007	91	2168749	43.311	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2536313	44.248	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	270162	39.453	ug/l	94
82) 4-Chlorotoluene	13.104	91	2063460	43.818	ug/l	93
83) tert-Butylbenzene	13.324	119	2206148	43.466	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2472712	45.297	ug/l	98
85) sec-Butylbenzene	13.501	105	3086705	44.836	ug/l	98
86) p-Isopropyltoluene	13.616	119	2458926	45.694	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1199396	43.645	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1160245	42.963	ug/l	98
89) n-Butylbenzene	13.943	91	1964687	45.007	ug/l	98
90) Hexachloroethane	14.211	117	428002	45.301	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1161326	43.372	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	180602	40.585	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	500547	38.799	ug/l	98
94) Hexachlorobutadiene	15.370	225	301183	42.443	ug/l	99
95) Naphthalene	15.507	128	1310519	34.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	489614	38.827	ug/l	98

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

