

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069733.D
 Acq On : 3 Dec 2021 22:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 05:37:53 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	1114768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1836698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1706248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	741542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	775468	45.054	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.100%		
35) Dibromofluoromethane	8.021	113	525707	45.695	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.400%		
50) Toluene-d8	10.440	98	2094483	45.340	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.680%		
62) 4-Bromofluorobenzene	12.731	95	754074	45.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	680073	52.305	ug/l	99
3) Chloromethane	2.303	50	794471	48.773	ug/l	100
4) Vinyl Chloride	2.448	62	755683	50.453	ug/l	99
5) Bromomethane	2.848	94	410647	50.465	ug/l	99
6) Chloroethane	3.017	64	458702	49.977	ug/l	98
7) Trichlorofluoromethane	3.373	101	993607	50.545	ug/l	100
8) Diethyl Ether	3.821	74	378823	50.035	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.207	101	559503	50.775	ug/l	96
10) Methyl Iodide	4.419	142	774918	51.477	ug/l	98
11) Tert butyl alcohol	5.377	59	657494	202.089	ug/l	98
12) 1,1-Dichloroethene	4.178	96	526924	49.623	ug/l	89
13) Acrolein	4.039	56	588120	212.269	ug/l	97
14) Allyl chloride	4.840	41	1177411	49.208	ug/l	95
15) Acrylonitrile	5.551	53	2031431	231.714	ug/l	98
16) Acetone	4.285	43	2005804m	193.726	ug/l	
17) Carbon Disulfide	4.527	76	1391654	50.729	ug/l	98
18) Methyl Acetate	4.854	43	1430991	45.788	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	2081596	50.417	ug/l	96
20) Methylene Chloride	5.093	84	661910	48.089	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	580425	50.325	ug/l	85
22) Diisopropyl ether	6.495	45	2441056	52.195	ug/l	96
23) Vinyl Acetate	6.434	43	9884839	259.796	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1251809	51.671	ug/l	98
25) 2-Butanone	7.335	43	3033346	215.623	ug/l	92
26) 2,2-Dichloropropane	7.324	77	891178	47.312	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	699223	50.179	ug/l	86
28) Bromochloromethane	7.656	49	591184	46.927	ug/l #	79
29) Tetrahydrofuran	7.683	42	1999943	234.122	ug/l	88
30) Chloroform	7.817	83	1245303	50.897	ug/l	99
31) Cyclohexane	8.094	56	1188832	49.632	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	1061168	50.917	ug/l	96
36) 1,1-Dichloropropene	8.220	75	912485	52.187	ug/l	96
37) Ethyl Acetate	7.412	43	1228152	47.193	ug/l	96
38) Carbon Tetrachloride	8.206	117	903619	52.701	ug/l	100
39) Methylcyclohexane	9.459	83	1091900	52.501	ug/l	91
40) Benzene	8.458	78	2754558	51.541	ug/l	99

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41) Methacrylonitrile	7.638	41	616362	50.454	ug/l	88
42) 1,2-Dichloroethane	8.528	62	1091424	50.589	ug/l	96
43) Isopropyl Acetate	8.560	43	1903790	49.435	ug/l #	94
44) Trichloroethene	9.215	130	659367	51.691	ug/l	93
45) 1,2-Dichloropropane	9.488	63	749319	52.211	ug/l	99
46) Dibromomethane	9.577	93	483389	51.357	ug/l	93
47) Bromodichloromethane	9.762	83	945580	53.060	ug/l	98
48) Methyl methacrylate	9.558	41	955010	53.138	ug/l #	81
49) 1,4-Dioxane	9.569	88	280377	869.449	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	6181643	247.432	ug/l	95
52) Toluene	10.505	92	1694796	51.942	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1008160	47.195	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1084266	48.266	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	668457	50.775	ug/l	97
56) Ethyl methacrylate	10.760	69	1142390	46.172	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	1185766	51.153	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1367495	207.253	ug/l	91
59) 2-Hexanone	11.084	43	4383098	231.922	ug/l	92
60) Dibromochloromethane	11.237	129	674266	47.905	ug/l	100
61) 1,2-Dibromoethane	11.344	107	701070	51.414	ug/l	99
64) Tetrachloroethene	10.977	164	605660	52.350	ug/l	95
65) Chlorobenzene	11.768	112	1778460	51.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	645007	52.942	ug/l	99
67) Ethyl Benzene	11.843	91	3350797	53.291	ug/l	96
68) m/p-Xylenes	11.953	106	2482204	108.422	ug/l	93
69) o-Xylene	12.280	106	1229653	53.323	ug/l	92
70) Styrene	12.294	104	2006195	54.864	ug/l	96
71) Bromoform	12.457	173	484492	46.686	ug/l #	100
73) Isopropylbenzene	12.578	105	3233006	49.002	ug/l	98
74) N-amyl acetate	12.387	43	1387558	47.556	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1064370	46.653	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	960796m	45.181	ug/l	
77) Bromobenzene	12.860	156	742630	47.921	ug/l	80
78) n-propylbenzene	12.919	91	3713834	50.585	ug/l	96
79) 2-Chlorotoluene	13.007	91	2263607	48.795	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2669770	50.275	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	279504	43.584	ug/l	92
82) 4-Chlorotoluene	13.104	91	2192533	50.256	ug/l	92
83) tert-Butylbenzene	13.323	119	2323964	49.424	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2614529	51.698	ug/l	98
85) sec-Butylbenzene	13.500	105	3233760	50.702	ug/l	97
86) p-Isopropyltoluene	13.616	119	2593928	52.030	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1269838	49.878	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1234057	49.324	ug/l	98
89) n-Butylbenzene	13.943	91	2070403	51.195	ug/l	98
90) Hexachloroethane	14.209	117	443985	50.724	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1237458	49.885	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	193256	46.877	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	539323	44.655	ug/l	98
94) Hexachlorobutadiene	15.370	225	323929	49.273	ug/l	98
95) Naphthalene	15.507	128	1422117	40.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	525428	44.590	ug/l	99

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

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