

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069876.D
 Acq On : 8 Dec 2021 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:48:44 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	1116855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1857339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1745512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	736976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	833224	48.319	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.640%		
35) Dibromofluoromethane	8.021	113	570171	49.009	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.020%		
50) Toluene-d8	10.440	98	2280946	48.828	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.660%		
62) 4-Bromofluorobenzene	12.731	95	823951	48.687	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	618183	47.456	ug/l	99
3) Chloromethane	2.303	50	748906	45.890	ug/l	98
4) Vinyl Chloride	2.448	62	712173	47.459	ug/l	98
5) Bromomethane	2.845	94	388791	47.690	ug/l	99
6) Chloroethane	3.017	64	425711	46.296	ug/l	98
7) Trichlorofluoromethane	3.376	101	918508	46.637	ug/l	98
8) Diethyl Ether	3.827	74	369002	48.647	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.208	101	537816	48.715	ug/l	96
10) Methyl Iodide	4.419	142	729564	48.373	ug/l	98
11) Tert butyl alcohol	5.377	59	639558	196.209	ug/l	100
12) 1,1-Dichloroethene	4.181	96	505341	47.501	ug/l	86
13) Acrolein	4.041	56	757771	272.989	ug/l	98
14) Allyl chloride	4.843	41	1172002	48.890	ug/l	93
15) Acrylonitrile	5.554	53	1961294	223.295	ug/l	99
16) Acetone	4.288	43	1891262	182.322	ug/l	96
17) Carbon Disulfide	4.529	76	1302961	47.407	ug/l	99
18) Methyl Acetate	4.854	43	1429829	45.666	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	2027567	49.016	ug/l	95
20) Methylene Chloride	5.095	84	642029	46.558	ug/l #	83
21) trans-1,2-Dichloroethene	5.597	96	543787	47.060	ug/l	86
22) Diisopropyl ether	6.498	45	2392053	51.052	ug/l	94
23) Vinyl Acetate	6.434	43	9820016	257.610	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1207996	49.770	ug/l	98
25) 2-Butanone	7.335	43	2915997	206.894	ug/l	90
26) 2,2-Dichloropropane	7.327	77	892122	47.274	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	674253	48.297	ug/l	86
28) Bromochloromethane	7.657	49	625803	49.582	ug/l #	77
29) Tetrahydrofuran	7.683	42	1898359	221.814	ug/l	87
30) Chloroform	7.818	83	1204665	49.144	ug/l	100
31) Cyclohexane	8.094	56	1120275	46.682	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	1036370	49.634	ug/l	96
36) 1,1-Dichloropropene	8.222	75	874517	49.460	ug/l	96
37) Ethyl Acetate	7.413	43	1158332	44.016	ug/l	95
38) Carbon Tetrachloride	8.206	117	871714	50.276	ug/l	100
39) Methylcyclohexane	9.459	83	1034669	49.196	ug/l	89
40) Benzene	8.459	78	2664170	49.295	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	591211	47.857	ug/l	89
42) 1,2-Dichloroethane	8.531	62	1056034	48.405	ug/l	97
43) Isopropyl Acetate	8.560	43	2008150	51.565	ug/l #	91
44) Trichloroethene	9.215	130	628055	48.689	ug/l	92
45) 1,2-Dichloropropane	9.488	63	730373	50.325	ug/l	99
46) Dibromomethane	9.577	93	471080	49.493	ug/l	92
47) Bromodichloromethane	9.762	83	944924	52.434	ug/l	100
48) Methyl methacrylate	9.558	41	884785	48.683	ug/l	85
49) 1,4-Dioxane	9.569	88	253943	778.726	ug/l #	80
51) 4-Methyl-2-Pentanone	10.331	43	6026622	238.546	ug/l	95
52) Toluene	10.505	92	1659587	50.298	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	1014395	46.973	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	1080259	47.582	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	655683	49.252	ug/l	98
56) Ethyl methacrylate	10.760	69	1139630	45.580	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1180450	50.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1396276	209.085	ug/l	90
59) 2-Hexanone	11.084	43	4263077	223.065	ug/l	92
60) Dibromochloromethane	11.237	129	673989	47.381	ug/l	100
61) 1,2-Dibromoethane	11.344	107	684597	49.648	ug/l	99
64) Tetrachloroethene	10.977	164	539734	45.602	ug/l	95
65) Chlorobenzene	11.771	112	1747090	49.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	651663	52.285	ug/l	99
67) Ethyl Benzene	11.843	91	3290450	51.154	ug/l	95
68) m/p-Xylenes	11.953	106	2391638	102.116	ug/l	92
69) o-Xylene	12.280	106	1203588	51.019	ug/l	92
70) Styrene	12.294	104	1963704	52.494	ug/l	96
71) Bromoform	12.457	173	487568	45.970	ug/l #	100
73) Isopropylbenzene	12.578	105	3171660	48.370	ug/l	98
74) N-amyl acetate	12.388	43	1399902	48.276	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1029793	45.417	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	1003624m	47.487	ug/l	
77) Bromobenzene	12.860	156	726078	47.143	ug/l	79
78) n-propylbenzene	12.919	91	3608324	49.453	ug/l	96
79) 2-Chlorotoluene	13.007	91	2217206	48.091	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2600809	49.280	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	283761	44.434	ug/l	94
82) 4-Chlorotoluene	13.104	91	2101599	48.471	ug/l	92
83) tert-Butylbenzene	13.324	119	2244044	48.020	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2533293	50.402	ug/l	98
85) sec-Butylbenzene	13.501	105	3108295	49.036	ug/l	98
86) p-Isopropyltoluene	13.616	119	2490018	50.255	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1204590	47.608	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1153767	46.401	ug/l	97
89) n-Butylbenzene	13.940	91	1995984	49.661	ug/l	98
90) Hexachloroethane	14.211	117	447875	51.486	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1171787	47.531	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	178366	43.533	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	505304	42.263	ug/l	98
94) Hexachlorobutadiene	15.370	225	309109	47.310	ug/l	98
95) Naphthalene	15.504	128	1300082	37.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	488133	41.841	ug/l	99

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

