

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068575.D
 Acq On : 21 Sep 2021 11:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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9/23/2021 11:07:39 AM

Quant Time: Sep 21 16:06:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	677266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	943940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	894018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	451389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	308144	49.600	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.200%
35) Dibromofluoromethane	8.021	113	291966	51.283	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.560%
50) Toluene-d8	10.443	98	1061084	45.768	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.540%
62) 4-Bromofluorobenzene	12.733	95	367814	47.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	259760	46.975	ug/l	99
3) Chloromethane	2.303	50	243493	50.648	ug/l	99
4) Vinyl Chloride	2.445	62	336357	40.110	ug/l	98
5) Bromomethane	2.837	94	289427	40.529	ug/l	99
6) Chloroethane	3.009	64	247350	40.063	ug/l	97
7) Trichlorofluoromethane	3.371	101	483907	46.009	ug/l	99
8) Diethyl Ether	3.824	74	168246	53.037	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.213	101	281675	48.463	ug/l	98
10) Methyl Iodide	4.425	142	397968	48.008	ug/l	99
11) Tert butyl alcohol	5.363	59	227283	264.937	ug/l #	85
12) 1,1-Dichloroethene	4.186	96	250021	46.988	ug/l	99
13) Acrolein	4.041	56	65648	142.304	ug/l	100
14) Allyl chloride	4.843	41	356461	52.740	ug/l	96
15) Acrylonitrile	5.551	53	632792	267.121	ug/l	98
16) Acetone	4.282	43	603435	354.726	ug/l	99
17) Carbon Disulfide	4.535	76	558553	39.093	ug/l	100
18) Methyl Acetate	4.854	43	302237	56.151	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	956460	53.645	ug/l	100
20) Methylene Chloride	5.098	84	306577	52.974	ug/l	99
21) trans-1,2-Dichloroethene	5.602	96	279295	45.976	ug/l	97
22) Diisopropyl ether	6.495	45	848343	57.968	ug/l	98
23) Vinyl Acetate	6.433	43	3140606	287.138	ug/l	99
24) 1,1-Dichloroethane	6.388	63	498004	50.221	ug/l	99
25) 2-Butanone	7.332	43	845633	280.112	ug/l	97
26) 2,2-Dichloropropane	7.327	77	476919	52.093	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	356940	50.027	ug/l	97
28) Bromochloromethane	7.656	49	220986	57.267	ug/l	91
29) Tetrahydrofuran	7.683	42	529976	268.912	ug/l	96
30) Chloroform	7.817	83	593399	50.582	ug/l	99
31) Cyclohexane	8.096	56	422907	44.920	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	541546	49.758	ug/l	99
36) 1,1-Dichloropropene	8.222	75	397188	50.470	ug/l	99
37) Ethyl Acetate	7.410	43	342653	57.239	ug/l	99
38) Carbon Tetrachloride	8.209	117	493683	52.364	ug/l	98
39) Methylcyclohexane	9.461	83	507591	50.981	ug/l	98
40) Benzene	8.461	78	1231332	52.859	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	168589	57.229	ug/l	97
42) 1,2-Dichloroethane	8.531	62	422345	52.328	ug/l	99
43) Isopropyl Acetate	8.560	43	596954	56.521	ug/l	99
44) Trichloroethene	9.217	130	373797	50.681	ug/l	96
45) 1,2-Dichloropropane	9.491	63	307697	55.328	ug/l	98
46) Dibromomethane	9.579	93	238618	53.303	ug/l	98
47) Bromodichloromethane	9.764	83	476955	56.149	ug/l	99
48) Methyl methacrylate	9.561	41	251317	56.983	ug/l	94
49) 1,4-Dioxane	9.569	88	110596	1093.137	ug/l	99
51) 4-Methyl-2-Pentanone	10.330	43	1773044	294.082	ug/l	98
52) Toluene	10.507	92	844403	54.633	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	483665	59.432	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	517735	58.057	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	345233	56.285	ug/l	96
56) Ethyl methacrylate	10.762	69	473004	62.090	ug/l	96
57) 1,3-Dichloropropane	11.046	76	527411	55.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	240707	305.094	ug/l	96
59) 2-Hexanone	11.087	43	1238813	306.810	ug/l	97
60) Dibromochloromethane	11.239	129	426190	50.687	ug/l	100
61) 1,2-Dibromoethane	11.347	107	363054	55.828	ug/l	99
64) Tetrachloroethene	10.979	164	396291	50.013	ug/l	99
65) Chlorobenzene	11.773	112	956808	52.092	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	398689	55.213	ug/l	98
67) Ethyl Benzene	11.846	91	1642852	54.653	ug/l	100
68) m/p-Xylenes	11.956	106	1341459	110.829	ug/l	98
69) o-Xylene	12.283	106	660363	55.995	ug/l	97
70) Styrene	12.296	104	1074393	51.589	ug/l	99
71) Bromoform	12.460	173	336946	49.491	ug/l #	99
73) Isopropylbenzene	12.580	105	1769260	55.101	ug/l	99
74) N-amyl acetate	12.390	43	453418	63.312	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.827	83	463181	51.456	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	336939m	54.377	ug/l	
77) Bromobenzene	12.862	156	462633	52.090	ug/l	95
78) n-propylbenzene	12.921	91	1886766	55.649	ug/l	98
79) 2-Chlorotoluene	13.010	91	1110593	53.133	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	1446981	55.473	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	129364	63.514	ug/l	98
82) 4-Chlorotoluene	13.106	91	1094691	54.308	ug/l	97
83) tert-Butylbenzene	13.323	119	1312671	55.117	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	1410417	56.378	ug/l	98
85) sec-Butylbenzene	13.503	105	1795293	57.170	ug/l	97
86) p-Isopropyltoluene	13.618	119	1537139	57.991	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	827632	53.708	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	798321	52.562	ug/l	98
89) n-Butylbenzene	13.943	91	1124024	58.214	ug/l	99
90) Hexachloroethane	14.211	117	274425	58.982	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	798952	53.749	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	76304	53.404	ug/l	92
93) 1,2,4-Trichlorobenzene	15.265	180	399043	47.461	ug/l	100
94) Hexachlorobutadiene	15.370	225	263244	60.006	ug/l	99
95) Naphthalene	15.507	128	820335	46.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	367705	46.435	ug/l	100

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

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