

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069175.D
 Acq On : 26 Oct 2021 1:16
 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

MMDadoda
 10/26/2021 6:15:44 PM

Quant Time: Oct 26 04:06:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	370406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	665528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	649299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	282733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	270927	55.476	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.960%
35) Dibromofluoromethane	8.024	113	212086	54.773	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.540%
50) Toluene-d8	10.443	98	856718	55.297	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.600%
62) 4-Bromofluorobenzene	12.733	95	338223	57.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	184915	40.337	ug/l	100
3) Chloromethane	2.303	50	189767	41.915	ug/l	100
4) Vinyl Chloride	2.445	62	228619	49.716	ug/l	100
5) Bromomethane	2.837	94	147458	58.297	ug/l	98
6) Chloroethane	3.009	64	180726	66.687	ug/l	100
7) Trichlorofluoromethane	3.373	101	317587	49.321	ug/l	100
8) Diethyl Ether	3.827	74	118094	49.168	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.218	101	173698	50.167	ug/l	98
10) Methyl Iodide	4.427	142	216697	43.121	ug/l	99
11) Tert butyl alcohol	5.369	59	192836	216.093	ug/l	100
12) 1,1-Dichloroethene	4.186	96	167035	46.670	ug/l	99
13) Acrolein	4.047	56	83772	212.209	ug/l	99
14) Allyl chloride	4.846	41	288696	44.996	ug/l	95
15) Acrylonitrile	5.554	53	488928	244.517	ug/l	99
16) Acetone	4.288	43	389544	213.742	ug/l	99
17) Carbon Disulfide	4.535	76	403594	41.550	ug/l	99
18) Methyl Acetate	4.854	43	345141	49.928	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	682099	51.182	ug/l	99
20) Methylene Chloride	5.101	84	207624	49.496	ug/l	96
21) trans-1,2-Dichloroethene	5.602	96	184026	47.593	ug/l	97
22) Diisopropyl ether	6.495	45	671981	50.364	ug/l	98
23) Vinyl Acetate	6.436	43	2468741	244.749	ug/l	98
24) 1,1-Dichloroethane	6.388	63	364407	50.267	ug/l	100
25) 2-Butanone	7.335	43	664956	241.283	ug/l	97
26) 2,2-Dichloropropane	7.327	77	282752	40.927	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	231336	49.493	ug/l	98
28) Bromochloromethane	7.659	49	181167	55.177	ug/l	95
29) Tetrahydrofuran	7.686	42	437670	244.836	ug/l	95
30) Chloroform	7.820	83	396966	51.959	ug/l	97
31) Cyclohexane	8.099	56	325142	42.820	ug/l	94
32) 1,1,1-Trichloroethane	8.019	97	360762	50.654	ug/l	100
36) 1,1-Dichloropropene	8.225	75	283303	49.836	ug/l	99
37) Ethyl Acetate	7.412	43	278011	47.353	ug/l	98
38) Carbon Tetrachloride	8.209	117	303740	48.651	ug/l	99
39) Methylcyclohexane	9.464	83	340522	46.540	ug/l	96
40) Benzene	8.461	78	858878	49.617	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	140187	47.368	ug/l	93
42) 1,2-Dichloroethane	8.531	62	314642	51.330	ug/l	100
43) Isopropyl Acetate	8.560	43	502439	48.503	ug/l	99
44) Trichloroethene	9.217	130	213468	49.274	ug/l	99
45) 1,2-Dichloropropane	9.491	63	224358	49.949	ug/l	98
46) Dibromomethane	9.579	93	158135	51.575	ug/l	99
47) Bromodichloromethane	9.765	83	319626	50.305	ug/l	99
48) Methyl methacrylate	9.561	41	219136	45.022	ug/l	89
49) 1,4-Dioxane	9.569	88	77310	821.546	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	1504756	250.520	ug/l	99
52) Toluene	10.507	92	577480	51.853	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	356859	49.583	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	367407	49.064	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	228455	52.029	ug/l	98
56) Ethyl methacrylate	10.762	69	382661	51.905	ug/l	97
57) 1,3-Dichloropropane	11.047	76	381836	52.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	530706	245.112	ug/l	99
59) 2-Hexanone	11.087	43	1106561	256.893	ug/l	99
60) Dibromochloromethane	11.240	129	248050	50.048	ug/l	99
61) 1,2-Dibromoethane	11.347	107	240312	53.358	ug/l	100
64) Tetrachloroethene	10.979	164	181967	43.505	ug/l	99
65) Chlorobenzene	11.773	112	627575	51.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	235463	48.963	ug/l	100
67) Ethyl Benzene	11.846	91	1146432	50.232	ug/l	100
68) m/p-Xylenes	11.956	106	856240	98.966	ug/l	100
69) o-Xylene	12.283	106	430522	49.713	ug/l	100
70) Styrene	12.296	104	726350	51.525	ug/l	100
71) Bromoform	12.460	173	181892	47.216	ug/l #	99
73) Isopropylbenzene	12.581	105	1148826	48.817	ug/l	100
74) N-amyl acetate	12.390	43	449454	50.411	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	346911	51.010	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	287292m	47.757	ug/l	
77) Bromobenzene	12.862	156	263110	50.561	ug/l	98
78) n-propylbenzene	12.924	91	1301999	49.231	ug/l	100
79) 2-Chlorotoluene	13.010	91	790823	48.515	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	939662	47.938	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	108048	42.970	ug/l	98
82) 4-Chlorotoluene	13.106	91	780972	49.580	ug/l	100
83) tert-Butylbenzene	13.326	119	830626	48.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	921182	48.775	ug/l	99
85) sec-Butylbenzene	13.503	105	1169670	49.496	ug/l	100
86) p-Isopropyltoluene	13.619	119	937665	49.468	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	458208	50.905	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	444062	49.706	ug/l	100
89) n-Butylbenzene	13.946	91	790518	50.097	ug/l	100
90) Hexachloroethane	14.214	117	183780	46.156	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	434737	49.719	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	61999	47.283	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	221189	46.758	ug/l	99
94) Hexachlorobutadiene	15.373	225	110133	44.234	ug/l	99
95) Naphthalene	15.507	128	626730	47.935	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	212904	47.266	ug/l	98

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

