

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070640.D
 Acq On : 17 Jan 2022 10:58
 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

Reviewed By : John Carlone 01/18/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 17:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	934483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1535952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1432023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	598029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	623560	46.409	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.820%		
35) Dibromofluoromethane	8.019	113	472405	50.833	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.660%		
50) Toluene-d8	10.440	98	1901459	50.086	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.728	95	727564	53.061	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	442100	41.717	ug/l	99
3) Chloromethane	2.303	50	630447	43.733	ug/l	99
4) Vinyl Chloride	2.448	62	621955	47.387	ug/l	99
5) Bromomethane	2.834	94	331958	49.002	ug/l	98
6) Chloroethane	3.009	64	380462	48.134	ug/l	99
7) Trichlorofluoromethane	3.371	101	785522	49.724	ug/l	97
8) Diethyl Ether	3.821	74	371020	53.276	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.205	101	502303	51.985	ug/l	95
10) Methyl Iodide	4.417	142	641194	49.034	ug/l	98
11) Tert butyl alcohol	5.377	59	629613	281.432	ug/l	98
12) 1,1-Dichloroethene	4.175	96	468369	49.212	ug/l	92
13) Acrolein	4.036	56	436947	240.714	ug/l	99
14) Allyl chloride	4.835	41	1155032	53.528	ug/l #	84
15) Acrylonitrile	5.551	53	1993756	285.590	ug/l	99
16) Acetone	4.283	43	2242921	257.154	ug/l	96
17) Carbon Disulfide	4.524	76	1125360	43.318	ug/l	100
18) Methyl Acetate	4.851	43	1380819	54.729	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1938724	54.853	ug/l	94
20) Methylene Chloride	5.093	84	598444	49.591	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	500228	49.641	ug/l	88
22) Diisopropyl ether	6.495	45	2318522	55.166	ug/l	90
23) Vinyl Acetate	6.431	43	8974028	275.204	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1129477	51.829	ug/l	99
25) 2-Butanone	7.332	43	3049647	277.690	ug/l	92
26) 2,2-Dichloropropane	7.321	77	891251	51.842	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	627752	52.209	ug/l	86
28) Bromochloromethane	7.657	49	521686	48.950	ug/l #	76
29) Tetrahydrofuran	7.683	42	1816442	277.219	ug/l	87
30) Chloroform	7.815	83	1238397	58.905	ug/l	99
31) Cyclohexane	8.094	56	1028381	48.503	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	875968	49.416	ug/l	98
36) 1,1-Dichloropropene	8.220	75	784410	51.023	ug/l	96
37) Ethyl Acetate	7.410	43	1074594	53.926	ug/l	97
38) Carbon Tetrachloride	8.204	117	720264	49.064	ug/l	98
39) Methylcyclohexane	9.459	83	957733	51.458	ug/l	89
40) Benzene	8.458	78	2445564	51.888	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	589042	59.098	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	851010	48.037	ug/l	100
43) Isopropyl Acetate	8.560	43	1745696	55.564	ug/l #	95
44) Trichloroethene	9.215	130	567849	50.705	ug/l	90
45) 1,2-Dichloropropane	9.488	63	698416	55.036	ug/l	99
46) Dibromomethane	9.574	93	401771	50.915	ug/l	95
47) Bromodichloromethane	9.759	83	853001	54.441	ug/l	99
48) Methyl methacrylate	9.558	41	846033	56.455	ug/l #	80
49) 1,4-Dioxane	9.569	88	258409	1177.968	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	5646882	286.037	ug/l	98
52) Toluene	10.505	92	1519822	53.274	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	948436	55.915	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1051481	57.304	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	616944	54.657	ug/l	98
56) Ethyl methacrylate	10.760	69	1096712	58.802	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1084817	54.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1439336	298.267	ug/l	90
59) 2-Hexanone	11.084	43	4267912	296.452	ug/l	97
60) Dibromochloromethane	11.237	129	608063	55.212	ug/l	100
61) 1,2-Dibromoethane	11.344	107	615096	53.668	ug/l	99
64) Tetrachloroethene	10.974	164	509180	49.102	ug/l	95
65) Chlorobenzene	11.768	112	1604523	52.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	572433	52.773	ug/l	99
67) Ethyl Benzene	11.843	91	3001373	53.912	ug/l	96
68) m/p-Xylenes	11.953	106	2217745	109.439	ug/l	93
69) o-Xylene	12.278	106	1106551	54.898	ug/l	91
70) Styrene	12.291	104	1848255	57.936	ug/l	96
71) Bromoform	12.457	173	462088	57.400	ug/l #	100
73) Isopropylbenzene	12.578	105	2929428	52.749	ug/l	98
74) N-amyl acetate	12.388	43	1280947	54.856	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	962996	53.233	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	810451m	46.007	ug/l	
77) Bromobenzene	12.860	156	659488	51.724	ug/l	76
78) n-propylbenzene	12.919	91	3394149	55.160	ug/l	96
79) 2-Chlorotoluene	13.007	91	2067847	52.376	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2390586	53.717	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	301570	61.611	ug/l	90
82) 4-Chlorotoluene	13.104	91	1993852	53.913	ug/l	92
83) tert-Butylbenzene	13.324	119	2070030	52.824	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2339492	54.592	ug/l	98
85) sec-Butylbenzene	13.501	105	2935380	55.173	ug/l	97
86) p-Isopropyltoluene	13.616	119	2329475	55.739	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1120502	52.497	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1087327	51.644	ug/l	97
89) n-Butylbenzene	13.943	91	1965296	56.378	ug/l	96
90) Hexachloroethane	14.209	117	401811	55.343	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	1068747	51.077	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	168745	52.452	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	568785	57.691	ug/l	98
94) Hexachlorobutadiene	15.370	225	331535	57.860	ug/l	97
95) Naphthalene	15.507	128	1577899	57.625	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	551431	58.333	ug/l	99

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

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