

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070415.D
 Acq On : 30 Dec 2021 22:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 31 05:25:38 2021
 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

Manual Integrations APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

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 ahmed

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	867356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1452023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1395806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	550436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	626563	50.242	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.480%	
35) Dibromofluoromethane	8.021	113	452385	51.492	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.980%	
50) Toluene-d8	10.443	98	1803849	50.261	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.731	95	654952	50.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	513146	52.169	ug/l	100
3) Chloromethane	2.303	50	708685	52.965	ug/l	99
4) Vinyl Chloride	2.446	62	631289	51.820	ug/l	98
5) Bromomethane	2.837	94	326562	51.936	ug/l	99
6) Chloroethane	3.009	64	367467	50.088	ug/l	98
7) Trichlorofluoromethane	3.371	101	721441	49.202	ug/l	98
8) Diethyl Ether	3.824	74	346261	53.569	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	469894	52.395	ug/l	96
10) Methyl Iodide	4.417	142	664620	54.760	ug/l	99
11) Tert butyl alcohol	5.388	59	661721	318.676	ug/l	98
12) 1,1-Dichloroethene	4.175	96	466842	52.848	ug/l	91
13) Acrolein	4.039	56	418080	248.145	ug/l	99
14) Allyl chloride	4.838	41	1137408	56.791	ug/l #	84
15) Acrylonitrile	5.557	53	2049220	316.252	ug/l	99
16) Acetone	4.291	43	1809192	223.479	ug/l	100
17) Carbon Disulfide	4.524	76	1341620	55.639	ug/l	100
18) Methyl Acetate	4.859	43	1432430	61.168	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1777189	54.174	ug/l	94
20) Methylene Chloride	5.093	84	593746	53.009	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	504765	53.968	ug/l	87
22) Diisopropyl ether	6.501	45	2220030	56.910	ug/l #	91
23) Vinyl Acetate	6.436	43	8792816	290.516	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1105944	54.677	ug/l	98
25) 2-Butanone	7.340	43	2948329	289.241	ug/l	91
26) 2,2-Dichloropropane	7.327	77	717099	44.940	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	602339	53.972	ug/l	87
28) Bromochloromethane	7.659	49	510128	51.570	ug/l #	75
29) Tetrahydrofuran	7.689	42	1953648	321.234	ug/l	87
30) Chloroform	7.820	83	1050779	53.849	ug/l	100
31) Cyclohexane	8.094	56	1030572	52.368	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	884154	53.738	ug/l	95
36) 1,1-Dichloropropene	8.223	75	770570	53.020	ug/l	96
37) Ethyl Acetate	7.415	43	1133661	60.178	ug/l	96
38) Carbon Tetrachloride	8.206	117	758159	54.631	ug/l	99
39) Methylcyclohexane	9.462	83	929535	52.829	ug/l	89
40) Benzene	8.461	78	2421888	54.355	ug/l	99

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41) Methacrylonitrile	7.641	41	584024	61.981	ug/l	#	87
42) 1,2-Dichloroethane	8.531	62	875862	52.298	ug/l		99
43) Isopropyl Acetate	8.563	43	1725529	58.096	ug/l	#	94
44) Trichloroethene	9.218	130	550605	52.008	ug/l		92
45) 1,2-Dichloropropane	9.491	63	666580	55.564	ug/l		99
46) Dibromomethane	9.580	93	408834	54.805	ug/l		95
47) Bromodichloromethane	9.762	83	862788	58.248	ug/l		99
48) Methyl methacrylate	9.561	41	831451	58.689	ug/l		84
49) 1,4-Dioxane	9.572	88	275312	1327.563	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.333	43	5994449	321.194	ug/l		96
52) Toluene	10.508	92	1487043	55.138	ug/l		98
53) t-1,3-Dichloropropene	10.719	75	903185	56.325	ug/l		99
54) cis-1,3-Dichloropropene	10.191	75	981844	56.602	ug/l		94
55) 1,1,2-Trichloroethane	10.899	97	596738	55.922	ug/l		96
56) Ethyl methacrylate	10.762	69	1050178	59.562	ug/l	#	89
57) 1,3-Dichloropropane	11.044	76	1054679	55.881	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.041	63	1116742	248.112	ug/l		90
59) 2-Hexanone	11.087	43	4372428	321.267	ug/l		94
60) Dibromochloromethane	11.240	129	643732	61.830	ug/l		100
61) 1,2-Dibromoethane	11.347	107	616574	56.906	ug/l		99
64) Tetrachloroethene	10.980	164	490613	48.539	ug/l		97
65) Chlorobenzene	11.771	112	1547914	52.266	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.841	131	580221	54.879	ug/l		99
67) Ethyl Benzene	11.846	91	2914330	53.707	ug/l		97
68) m/p-Xylenes	11.953	106	2132038	107.940	ug/l		94
69) o-Xylene	12.280	106	1061964	54.053	ug/l		93
70) Styrene	12.294	104	1766081	56.796	ug/l		96
71) Bromoform	12.457	173	517568	65.960	ug/l	#	99
73) Isopropylbenzene	12.578	105	2785891	54.501	ug/l		98
74) N-amyl acetate	12.388	43	1292560	60.140	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.827	83	972333	59.114	ug/l		99
76) 1,2,3-Trichloropropane	12.881	75	949235m	57.800	ug/l		
77) Bromobenzene	12.860	156	636927	54.274	ug/l		76
78) n-propylbenzene	12.921	91	3151910	55.652	ug/l		96
79) 2-Chlorotoluene	13.007	91	1935069	53.250	ug/l		92
80) 1,3,5-Trimethylbenzene	13.061	105	2232675	54.506	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.626	75	292142	64.845	ug/l		95
82) 4-Chlorotoluene	13.104	91	1831594	53.808	ug/l		93
83) tert-Butylbenzene	13.324	119	1972283	54.682	ug/l		95
84) 1,2,4-Trimethylbenzene	13.369	105	2199486	55.763	ug/l		97
85) sec-Butylbenzene	13.501	105	2715786	55.459	ug/l		97
86) p-Isopropyltoluene	13.616	119	2123989	55.216	ug/l		97
87) 1,3-Dichlorobenzene	13.616	146	1048880	53.391	ug/l		97
88) 1,4-Dichlorobenzene	13.694	146	1005907	51.908	ug/l		98
89) n-Butylbenzene	13.943	91	1721567	53.656	ug/l		96
90) Hexachloroethane	14.211	117	448850	67.167	ug/l		91
91) 1,2-Dichlorobenzene	13.989	146	1010883	52.489	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	187477	63.313	ug/l		80
93) 1,2,4-Trichlorobenzene	15.263	180	501505	55.265	ug/l		98
94) Hexachlorobutadiene	15.370	225	278635	52.832	ug/l		99
95) Naphthalene	15.507	128	1539394	60.972	ug/l		100
96) 1,2,3-Trichlorobenzene	15.700	180	510073	58.619	ug/l		99

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

