

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073524.D
 Acq On : 20 Jul 2022 15:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 21 08:23:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	190497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	305639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	295057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	154836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	129636	47.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.280%		
35) Dibromofluoromethane	7.951	113	106410	52.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.660%		
50) Toluene-d8	10.380	98	358643	49.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.320%		
62) 4-Bromofluorobenzene	12.669	95	145936	52.581	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	160392	57.590	ug/l	98
3) Chloromethane	2.263	50	160819	59.477	ug/l	98
4) Vinyl Chloride	2.404	62	122280	53.225	ug/l	97
5) Bromomethane	2.775	94	45939	42.335	ug/l	98
6) Chloroethane	2.934	64	77601	57.420	ug/l	97
7) Trichlorofluoromethane	3.299	101	182398	45.922	ug/l	97
8) Diethyl Ether	3.757	74	82396	50.961	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.128	101	114780	48.907	ug/l	95
10) Methyl Iodide	4.340	142	123238	44.157	ug/l	96
11) Tert butyl alcohol	5.293	59	163229	245.022	ug/l	99
12) 1,1-Dichloroethene	4.098	96	109780	48.954	ug/l	94
13) Acrolein	3.975	56	59262	140.741	ug/l	98
14) Allyl chloride	4.751	41	246089	52.091	ug/l #	90
15) Acrylonitrile	5.469	53	498031	290.409	ug/l	99
16) Acetone	4.222	43	449409	291.136	ug/l	96
17) Carbon Disulfide	4.446	76	312315	53.710	ug/l	99
18) Methyl Acetate	4.775	43	250521	57.912	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	404139	49.447	ug/l	97
20) Methylene Chloride	5.010	84	134634	49.629	ug/l #	83
21) trans-1,2-Dichloroethene	5.504	96	119945	51.189	ug/l	97
22) Diisopropyl ether	6.404	45	489345	55.510	ug/l #	92
23) Vinyl Acetate	6.345	43	2174983	275.570	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	241305	52.895	ug/l	98
25) 2-Butanone	7.257	43	731459	297.626	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	149079	35.334	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	140253	49.427	ug/l	97
28) Bromochloromethane	7.581	49	108320	56.695	ug/l #	78
29) Tetrahydrofuran	7.610	42	497336	295.541	ug/l #	84
30) Chloroform	7.745	83	233306	50.777	ug/l	98
31) Cyclohexane	8.016	56	224036	49.743	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	201506	49.212	ug/l	98
36) 1,1-Dichloropropene	8.145	75	171366	54.769	ug/l	98
37) Ethyl Acetate	7.334	43	272248	57.586	ug/l #	95
38) Carbon Tetrachloride	8.128	117	169284	52.318	ug/l	98
39) Methylcyclohexane	9.392	83	209125	53.685	ug/l	91
40) Benzene	8.386	78	541748	56.103	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	132045	57.590	ug/l #	88
42) 1,2-Dichloroethane	8.457	62	191885	54.819	ug/l	98
43) Isopropyl Acetate	8.492	43	393299	57.885	ug/l #	92
44) Trichloroethene	9.145	130	127795	52.006	ug/l	89
45) 1,2-Dichloropropane	9.422	63	142529	57.911	ug/l	98
46) Dibromomethane	9.510	93	91578	54.800	ug/l	93
47) Bromodichloromethane	9.698	83	182970	56.531	ug/l	98
48) Methyl methacrylate	9.492	41	193801	61.604	ug/l #	87
49) 1,4-Dioxane	9.504	88	74208	1242.565	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1398950	324.676	ug/l	89
52) Toluene	10.445	92	335183	56.168	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	188955	53.032	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	212378	55.211	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	132349	53.872	ug/l	97
56) Ethyl methacrylate	10.698	69	226966	57.158	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	231864	55.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	514781	290.683	ug/l	91
59) 2-Hexanone	11.027	43	1062318	323.440	ug/l	88
60) Dibromochloromethane	11.180	129	137038	58.505	ug/l	100
61) 1,2-Dibromoethane	11.286	107	137791	56.152	ug/l	100
64) Tetrachloroethene	10.910	164	126766	52.614	ug/l	97
65) Chlorobenzene	11.710	112	339059	50.810	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	122724	50.000	ug/l	99
67) Ethyl Benzene	11.786	91	634991	52.414	ug/l	99
68) m/p-Xylenes	11.892	106	485413	106.168	ug/l	96
69) o-Xylene	12.221	106	239885	51.395	ug/l	98
70) Styrene	12.233	104	398317	55.274	ug/l	99
71) Bromoform	12.398	173	102319	56.970	ug/l #	100
73) Isopropylbenzene	12.521	105	618307	46.243	ug/l	99
74) N-amyl acetate	12.327	43	313965	46.895	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	213222	48.056	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	192449m	47.534	ug/l	
77) Bromobenzene	12.798	156	143904	46.291	ug/l	89
78) n-propylbenzene	12.863	91	742970	50.019	ug/l	97
79) 2-Chlorotoluene	12.945	91	439826	46.785	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	523110	48.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	66337	44.935	ug/l	90
82) 4-Chlorotoluene	13.045	91	423937	46.579	ug/l	99
83) tert-Butylbenzene	13.263	119	447542	45.806	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	520203	47.809	ug/l	97
85) sec-Butylbenzene	13.439	105	654072	49.854	ug/l	97
86) p-Isopropyltoluene	13.557	119	528633	49.879	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	264966	47.511	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	261430	46.786	ug/l	99
89) n-Butylbenzene	13.880	91	448384	50.771	ug/l	97
90) Hexachloroethane	14.151	117	95975	48.592	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	267322	47.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	51358	47.624	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	141091	47.697	ug/l	100
94) Hexachlorobutadiene	15.298	225	71737	54.554	ug/l	96
95) Naphthalene	15.433	128	505413	42.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	145196	47.583	ug/l	99

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

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