

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073509.D
 Acq On : 18 Jul 2022 19:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 07:06:13 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 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	179568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	321688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	303484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	150598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	148159	57.154	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.300%			
35) Dibromofluoromethane	7.951	113	121532	56.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.560%			
50) Toluene-d8	10.381	98	408271	53.710	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.420%			
62) 4-Bromofluorobenzene	12.669	95	170431	58.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	121411	46.246	ug/l	97
3) Chloromethane	2.263	50	126303	49.554	ug/l	98
4) Vinyl Chloride	2.405	62	108260	49.990	ug/l	95
5) Bromomethane	2.775	94	44400	43.407	ug/l	94
6) Chloroethane	2.940	64	71438	56.077	ug/l	99
7) Trichlorofluoromethane	3.305	101	180394	48.182	ug/l	98
8) Diethyl Ether	3.763	74	86123	56.508	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.134	101	114837	51.910	ug/l	97
10) Methyl Iodide	4.340	142	126606	48.592	ug/l	95
11) Tert butyl alcohol	5.299	59	210620	335.402	ug/l	100
12) 1,1-Dichloroethene	4.104	96	109775	51.931	ug/l	99
13) Acrolein	3.975	56	76414	192.520	ug/l	97
14) Allyl chloride	4.757	41	253691	56.969	ug/l #	88
15) Acrylonitrile	5.475	53	561612	347.416	ug/l	100
16) Acetone	4.222	43	509970	350.475	ug/l	95
17) Carbon Disulfide	4.452	76	235804	43.020	ug/l	99
18) Methyl Acetate	4.775	43	308860	75.744	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	462016	59.969	ug/l	99
20) Methylene Chloride	5.010	84	143107	55.963	ug/l	88
21) trans-1,2-Dichloroethene	5.516	96	115464	52.276	ug/l	99
22) Diisopropyl ether	6.410	45	541890	65.212	ug/l #	95
23) Vinyl Acetate	6.351	43	2277657	306.142	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	263590	61.297	ug/l	100
25) 2-Butanone	7.257	43	837626	361.569	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	161590	40.630	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	148705	55.595	ug/l	97
28) Bromochloromethane	7.587	49	120587	66.957	ug/l #	79
29) Tetrahydrofuran	7.610	42	551056	347.394	ug/l #	86
30) Chloroform	7.745	83	259724	59.967	ug/l	100
31) Cyclohexane	8.022	56	207335	48.837	ug/l	85
32) 1,1,1-Trichloroethane	7.940	97	215038	55.713	ug/l	98
36) 1,1-Dichloropropene	8.151	75	172816	52.477	ug/l	96
37) Ethyl Acetate	7.340	43	308774	62.054	ug/l #	94
38) Carbon Tetrachloride	8.134	117	175344	51.487	ug/l	98
39) Methylcyclohexane	9.392	83	193866	47.285	ug/l	92
40) Benzene	8.387	78	559062	55.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	164047	67.978	ug/l #	80
42) 1,2-Dichloroethane	8.463	62	208977	56.724	ug/l	99
43) Isopropyl Acetate	8.492	43	443303	61.989	ug/l #	92
44) Trichloroethene	9.151	130	134037	51.825	ug/l	94
45) 1,2-Dichloropropane	9.428	63	154449	59.623	ug/l	99
46) Dibromomethane	9.516	93	99787	56.734	ug/l	90
47) Bromodichloromethane	9.704	83	203016	59.595	ug/l	97
48) Methyl methacrylate	9.498	41	201472	60.847	ug/l	90
49) 1,4-Dioxane	9.504	88	84826	1349.494	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1580615	348.537	ug/l	90
52) Toluene	10.445	92	340674	54.240	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	204339	54.488	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	226482	55.940	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	151392	58.549	ug/l	96
56) Ethyl methacrylate	10.704	69	252303	60.368	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	262529	59.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	561966	301.496	ug/l	92
59) 2-Hexanone	11.028	43	1219443	352.756	ug/l	89
60) Dibromochloromethane	11.180	129	149563	60.667	ug/l	99
61) 1,2-Dibromoethane	11.286	107	149794	57.998	ug/l	99
64) Tetrachloroethene	10.916	164	120693	48.702	ug/l	93
65) Chlorobenzene	11.710	112	360818	52.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	137084	54.299	ug/l	97
67) Ethyl Benzene	11.786	91	667180	53.542	ug/l	99
68) m/p-Xylenes	11.892	106	500742	106.480	ug/l	95
69) o-Xylene	12.222	106	252930	52.685	ug/l	98
70) Styrene	12.233	104	419494	56.596	ug/l	98
71) Bromoform	12.398	173	107417	58.148	ug/l #	99
73) Isopropylbenzene	12.522	105	660145	50.762	ug/l	99
74) N-amyl acetate	12.327	43	356747	54.785	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	243172	56.349	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	219659m	55.782	ug/l	
77) Bromobenzene	12.798	156	152792	50.533	ug/l	84
78) n-propylbenzene	12.863	91	775090	53.650	ug/l	97
79) 2-Chlorotoluene	12.945	91	471602	51.577	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	548222	51.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	71036	49.472	ug/l	92
82) 4-Chlorotoluene	13.045	91	452371	51.102	ug/l	96
83) tert-Butylbenzene	13.263	119	480664	50.580	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	552909	52.245	ug/l	97
85) sec-Butylbenzene	13.439	105	691119	54.160	ug/l	97
86) p-Isopropyltoluene	13.557	119	546291	52.996	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	274903	50.680	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	271812	50.013	ug/l	99
89) n-Butylbenzene	13.880	91	462713	53.868	ug/l	97
90) Hexachloroethane	14.151	117	99309	51.695	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	285111	51.598	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	57763	55.070	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	141170	49.066	ug/l	98
94) Hexachlorobutadiene	15.304	225	64887	50.733	ug/l	98
95) Naphthalene	15.433	128	576740	49.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	150687	50.772	ug/l	98

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

