

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111722\
 Data File : VN075306.D
 Acq On : 17 Nov 2022 17:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2022
 Supervised By : Mahesh Dadoda 11/18/2022

Quant Time: Nov 18 01:01:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	129881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	219486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	71643	40.939	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.880%		
35) Dibromofluoromethane	8.171	113	64920	50.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	10.565	98	232587	46.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.060%		
62) 4-Bromofluorobenzene	12.847	95	91743	52.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	72506	42.913	ug/l	100
3) Chloromethane	2.371	50	74662	41.602	ug/l	93
4) Vinyl Chloride	2.524	62	102855	40.174	ug/l	95
5) Bromomethane	2.918	94	104097	57.532	ug/l	98
6) Chloroethane	3.106	64	76591	41.719	ug/l	92
7) Trichlorofluoromethane	3.495	101	138485	52.950	ug/l	100
8) Diethyl Ether	3.965	74	49412	51.797	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	79575	55.093	ug/l	96
10) Methyl Iodide	4.594	142	117835	54.800	ug/l	98
11) Tert butyl alcohol	5.536	59	85855	210.375	ug/l	100
12) 1,1-Dichloroethene	4.342	96	72839	52.906	ug/l	91
13) Acrolein	4.183	56	58994	176.731	ug/l	99
14) Allyl chloride	5.030	41	90672	45.093	ug/l	93
15) Acrylonitrile	5.724	53	212760	246.795	ug/l	98
16) Acetone	4.436	43	179940	242.837	ug/l	93
17) Carbon Disulfide	4.718	76	174669	50.450	ug/l	100
18) Methyl Acetate	5.030	43	120005	49.580	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	263918	51.576	ug/l	99
20) Methylene Chloride	5.283	84	86415	52.305	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	81178	53.852	ug/l	97
22) Diisopropyl ether	6.683	45	232033	52.290	ug/l	99
23) Vinyl Acetate	6.606	43	929267m	250.780	ug/l	
24) 1,1-Dichloroethane	6.577	63	146828	52.317	ug/l	97
25) 2-Butanone	7.488	43	276182	236.964	ug/l	98
26) 2,2-Dichloropropane	7.494	77	131543	50.949	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	100562	55.862	ug/l	95
28) Bromochloromethane	7.818	49	51624	43.636	ug/l	94
29) Tetrahydrofuran	7.841	42	180364	239.483	ug/l	99
30) Chloroform	7.965	83	161169	52.893	ug/l	97
31) Cyclohexane	8.259	56	131787	50.634	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	147871	53.439	ug/l	95
36) 1,1-Dichloropropene	8.371	75	121345	60.830	ug/l	98
37) Ethyl Acetate	7.565	43	108569	49.628	ug/l	99
38) Carbon Tetrachloride	8.365	117	132350	60.315	ug/l	100
39) Methylcyclohexane	9.600	83	156911	59.583	ug/l	97
40) Benzene	8.606	78	359084	58.791	ug/l	97

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41) Methacrylonitrile	7.782	41	57327	54.695	ug/l	99
42) 1,2-Dichloroethane	8.671	62	121993	54.899	ug/l	98
43) Isopropyl Acetate	8.688	43	178095	52.483	ug/l	98
44) Trichloroethene	9.353	130	95740	62.478	ug/l	98
45) 1,2-Dichloropropane	9.624	63	87768	60.382	ug/l	100
46) Dibromomethane	9.712	93	65634	57.958	ug/l	95
47) Bromodichloromethane	9.888	83	128435	58.566	ug/l	94
48) Methyl methacrylate	9.682	41	83654	53.742	ug/l	96
49) 1,4-Dioxane	9.694	88	44786	1098.743	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	566162	258.550	ug/l	97
52) Toluene	10.629	92	239759	58.723	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	135784	58.661	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	146732	59.766	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	93409	57.699	ug/l	98
56) Ethyl methacrylate	10.876	69	138797	56.206	ug/l	98
57) 1,3-Dichloropropane	11.165	76	157081	58.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	237831	249.122	ug/l	100
59) 2-Hexanone	11.194	43	432550	260.266	ug/l	99
60) Dibromochloromethane	11.359	129	106460	62.330	ug/l	100
61) 1,2-Dibromoethane	11.470	107	98632	59.450	ug/l	100
64) Tetrachloroethene	11.106	164	90829	71.505	ug/l	95
65) Chlorobenzene	11.888	112	261077	59.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	99165	60.446	ug/l	99
67) Ethyl Benzene	11.965	91	472347	59.365	ug/l	98
68) m/p-Xylenes	12.070	106	384609	120.469	ug/l	100
69) o-Xylene	12.400	106	189013	59.865	ug/l	97
70) Styrene	12.412	104	311153	61.806	ug/l	98
71) Bromoform	12.576	173	81837	66.627	ug/l #	99
73) Isopropylbenzene	12.694	105	492993	53.235	ug/l	99
74) N-amyl acetate	12.494	43	159164	46.470	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	143993	54.108	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	121097m	49.443	ug/l	
77) Bromobenzene	12.982	156	120200	58.948	ug/l	85
78) n-propylbenzene	13.035	91	571693	54.985	ug/l	99
79) 2-Chlorotoluene	13.123	91	335307	52.775	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	424847	54.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46040	48.254	ug/l	93
82) 4-Chlorotoluene	13.123	91	335307	52.775	ug/l	97
83) tert-Butylbenzene	13.441	119	379838	54.958	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	432410	54.945	ug/l	99
85) sec-Butylbenzene	13.617	105	544005	56.266	ug/l	100
86) p-Isopropyltoluene	13.729	119	467389	58.534	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	234031	58.619	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	231657	58.629	ug/l	98
89) n-Butylbenzene	14.059	91	391381	60.867	ug/l	99
90) Hexachloroethane	14.335	117	76244	52.078	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	229078	57.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29425	47.106	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	129073	75.572	ug/l	98
94) Hexachlorobutadiene	15.500	225	64237	77.149	ug/l	98
95) Naphthalene	15.641	128	400425	60.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	121813	71.780	ug/l	98

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

