

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072433.D
 Acq On : 11 May 2022 22:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 12 02:17:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	204167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	327876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	306224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	136416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	147851	47.280	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.560%		
35) Dibromofluoromethane	8.016	113	106500	48.823	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.640%		
50) Toluene-d8	10.439	98	387047	46.589	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.727	95	138718	50.278	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	115232	45.255	ug/l	100
3) Chloromethane	2.299	50	103571	43.283	ug/l	100
4) Vinyl Chloride	2.440	62	80128	36.957	ug/l	99
5) Bromomethane	2.828	94	56392	43.686	ug/l	92
6) Chloroethane	2.999	64	52712	46.300	ug/l	95
7) Trichlorofluoromethane	3.369	101	197891	49.246	ug/l	96
8) Diethyl Ether	3.828	74	66474	45.854	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	100489	45.829	ug/l	97
10) Methyl Iodide	4.422	142	132612	45.624	ug/l #	86
11) Tert butyl alcohol	5.375	59	122663	239.890	ug/l	100
12) 1,1-Dichloroethene	4.181	96	91084	44.333	ug/l	87
13) Acrolein	4.040	56	102663	205.210	ug/l	97
14) Allyl chloride	4.840	41	165839	43.354	ug/l	93
15) Acrylonitrile	5.545	53	319543	229.975	ug/l	98
16) Acetone	4.281	43	294775	238.018	ug/l	93
17) Carbon Disulfide	4.534	76	230079	43.180	ug/l	99
18) Methyl Acetate	4.851	43	162502	44.565	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	365105	49.175	ug/l	96
20) Methylene Chloride	5.093	84	108472	42.717	ug/l	85
21) trans-1,2-Dichloroethene	5.593	96	96610	44.945	ug/l	99
22) Diisopropyl ether	6.492	45	342497	44.062	ug/l	97
23) Vinyl Acetate	6.428	43	1526336	234.678	ug/l	95
24) 1,1-Dichloroethane	6.387	63	201285	45.889	ug/l	99
25) 2-Butanone	7.334	43	443818	227.064	ug/l	96
26) 2,2-Dichloropropane	7.322	77	156695	42.510	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	117125	45.324	ug/l	94
28) Bromochloromethane	7.651	49	85274	45.786	ug/l	88
29) Tetrahydrofuran	7.681	42	290861	228.969	ug/l	93
30) Chloroform	7.816	83	217907	48.831	ug/l	96
31) Cyclohexane	8.092	56	173775	41.937	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	204408	49.941	ug/l	99
36) 1,1-Dichloropropene	8.222	75	149479	47.711	ug/l	97
37) Ethyl Acetate	7.410	43	178345	47.445	ug/l	97
38) Carbon Tetrachloride	8.204	117	179560	51.208	ug/l	97
39) Methylcyclohexane	9.457	83	170857	48.523	ug/l	93
40) Benzene	8.457	78	433520	46.319	ug/l	99

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41) Methacrylonitrile	7.634	41	81405	43.736	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	188256	50.044	ug/l	95
43) Isopropyl Acetate	8.557	43	296292	51.317	ug/l	94
44) Trichloroethene	9.210	130	110669	46.579	ug/l	99
45) 1,2-Dichloropropane	9.486	63	110816	46.363	ug/l	94
46) Dibromomethane	9.575	93	81472	48.953	ug/l	93
47) Bromodichloromethane	9.757	83	172011	50.697	ug/l	98
48) Methyl methacrylate	9.557	41	138021	51.236	ug/l	88
49) 1,4-Dioxane	9.569	88	51961	1130.759	ug/l #	93
51) 4-Methyl-2-Pentanone	10.328	43	907753	253.192	ug/l	93
52) Toluene	10.504	92	281241	48.732	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	182171	52.748	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	186827	50.703	ug/l #	91
55) 1,1,2-Trichloroethane	10.892	97	113676	47.282	ug/l	98
56) Ethyl methacrylate	10.757	69	187118	54.305	ug/l	90
57) 1,3-Dichloropropane	11.039	76	200286	48.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	292461	309.542	ug/l	98
59) 2-Hexanone	11.080	43	668345	265.859	ug/l	91
60) Dibromochloromethane	11.233	129	135621	53.103	ug/l	99
61) 1,2-Dibromoethane	11.339	107	122523	51.137	ug/l	98
64) Tetrachloroethene	10.975	164	99700	45.232	ug/l	98
65) Chlorobenzene	11.763	112	298783	47.756	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	123644	49.375	ug/l	97
67) Ethyl Benzene	11.839	91	559070	51.791	ug/l	97
68) m/p-Xylenes	11.951	106	416000	101.610	ug/l	92
69) o-Xylene	12.274	106	209657	52.120	ug/l	95
70) Styrene	12.292	104	335516	54.521	ug/l	96
71) Bromoform	12.451	173	99469	53.848	ug/l #	100
73) Isopropylbenzene	12.574	105	551290	48.783	ug/l	99
74) N-amyl acetate	12.380	43	197042	49.328	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	174850	42.618	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	160510m	45.112	ug/l	
77) Bromobenzene	12.857	156	127970	47.331	ug/l	96
78) n-propylbenzene	12.916	91	610461	50.481	ug/l	99
79) 2-Chlorotoluene	13.004	91	382822	48.188	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	466218	50.371	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	50723	47.559	ug/l	91
82) 4-Chlorotoluene	13.098	91	363868	48.330	ug/l	97
83) tert-Butylbenzene	13.316	119	416854	51.446	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	458298	50.901	ug/l	97
85) sec-Butylbenzene	13.498	105	544878	50.423	ug/l	99
86) p-Isopropyltoluene	13.610	119	456485	54.231	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	228391	48.980	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	217815	46.955	ug/l	98
89) n-Butylbenzene	13.939	91	339283	52.730	ug/l	98
90) Hexachloroethane	14.204	117	86502	51.426	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	225119	48.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39154	54.882	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	99997	56.683	ug/l	96
94) Hexachlorobutadiene	15.362	225	56284	48.186	ug/l	98
95) Naphthalene	15.504	128	312839	48.110	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	104967	59.374	ug/l	96

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

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