

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072406.D
 Acq On : 11 May 2022 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 12 02:09:22 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	225214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	345891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	318976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	142128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	173572	50.318	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.640%			
35) Dibromofluoromethane	8.016	113	123780	53.789	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.580%			
50) Toluene-d8	10.439	98	468726	53.482	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.960%			
62) 4-Bromofluorobenzene	12.727	95	163619	56.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	137498	48.953	ug/l	98
3) Chloromethane	2.299	50	123146	46.759	ug/l	98
4) Vinyl Chloride	2.446	62	108433	45.339	ug/l	95
5) Bromomethane	2.834	94	63548	44.629	ug/l	98
6) Chloroethane	3.005	64	62954	50.253	ug/l	94
7) Trichlorofluoromethane	3.369	101	216863	48.924	ug/l	96
8) Diethyl Ether	3.822	74	72453	45.308	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	115087	47.582	ug/l	97
10) Methyl Iodide	4.422	142	151184	47.152	ug/l #	87
11) Tert butyl alcohol	5.363	59	110546	195.989	ug/l	100
12) 1,1-Dichloroethene	4.181	96	104359	46.048	ug/l	93
13) Acrolein	4.040	56	109143	197.775	ug/l	96
14) Allyl chloride	4.840	41	192281	45.569	ug/l	95
15) Acrylonitrile	5.546	53	343652	224.213	ug/l	99
16) Acetone	4.281	43	333492	244.115	ug/l	94
17) Carbon Disulfide	4.534	76	270492	46.021	ug/l	98
18) Methyl Acetate	4.852	43	176831	43.963	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	405431	49.503	ug/l	98
20) Methylene Chloride	5.099	84	124914	44.595	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	110319	46.527	ug/l	94
22) Diisopropyl ether	6.493	45	398982	46.532	ug/l	98
23) Vinyl Acetate	6.428	43	1704480	237.577	ug/l	95
24) 1,1-Dichloroethane	6.387	63	226371	46.785	ug/l	99
25) 2-Butanone	7.328	43	476426	220.968	ug/l	92
26) 2,2-Dichloropropane	7.322	77	207488	51.029	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	134225	47.088	ug/l	93
28) Bromochloromethane	7.651	49	95150	46.314	ug/l	90
29) Tetrahydrofuran	7.681	42	310538	221.613	ug/l	92
30) Chloroform	7.810	83	237119	48.171	ug/l	99
31) Cyclohexane	8.092	56	203136	44.442	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	224970	49.828	ug/l	99
36) 1,1-Dichloropropene	8.216	75	169598	51.313	ug/l	99
37) Ethyl Acetate	7.404	43	189753	47.850	ug/l	98
38) Carbon Tetrachloride	8.198	117	198512	53.664	ug/l	99
39) Methylcyclohexane	9.457	83	206445	55.577	ug/l	95
40) Benzene	8.457	78	497311	50.368	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	106330	54.152	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	204008	51.407	ug/l	96
43) Isopropyl Acetate	8.557	43	303225	49.782	ug/l	95
44) Trichloroethene	9.210	130	128698	51.346	ug/l	96
45) 1,2-Dichloropropane	9.481	63	129790	51.473	ug/l	98
46) Dibromomethane	9.569	93	90126	51.333	ug/l	96
47) Bromodichloromethane	9.757	83	192138	53.680	ug/l	99
48) Methyl methacrylate	9.551	41	150856	53.084	ug/l	88
49) 1,4-Dioxane	9.563	88	45862	946.054	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	957470	253.150	ug/l	93
52) Toluene	10.498	92	324325	53.271	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	196909	54.045	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	214007	55.054	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	128679	50.735	ug/l	97
56) Ethyl methacrylate	10.757	69	200116	55.052	ug/l	89
57) 1,3-Dichloropropane	11.039	76	222595	51.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.034	63	224124	229.603	ug/l	97
59) 2-Hexanone	11.081	43	682239	257.251	ug/l	92
60) Dibromochloromethane	11.233	129	149662	55.549	ug/l	99
61) 1,2-Dibromoethane	11.339	107	132653	52.481	ug/l	100
64) Tetrachloroethene	10.969	164	120037	52.281	ug/l	94
65) Chlorobenzene	11.763	112	340136	52.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	135173	51.821	ug/l	98
67) Ethyl Benzene	11.839	91	624076	55.502	ug/l	99
68) m/p-Xylenes	11.951	106	476890	111.826	ug/l	92
69) o-Xylene	12.275	106	234002	55.847	ug/l	95
70) Styrene	12.286	104	377652	58.915	ug/l	97
71) Bromoform	12.451	173	109150	56.727	ug/l #	100
73) Isopropylbenzene	12.575	105	619409	52.608	ug/l	98
74) N-amyl acetate	12.386	43	201945	48.523	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	189129	44.245	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	170254m	45.928	ug/l	
77) Bromobenzene	12.857	156	142859	50.714	ug/l	95
78) n-propylbenzene	12.916	91	700601	55.607	ug/l	99
79) 2-Chlorotoluene	13.004	91	426729	51.556	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	529973	54.959	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	56397	50.753	ug/l	91
82) 4-Chlorotoluene	13.098	91	411339	52.440	ug/l	97
83) tert-Butylbenzene	13.316	119	463854	54.946	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	522141	55.662	ug/l	95
85) sec-Butylbenzene	13.498	105	628073	55.786	ug/l	99
86) p-Isopropyltoluene	13.610	119	521425	59.456	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	257738	53.053	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	249844	51.695	ug/l	98
89) n-Butylbenzene	13.933	91	394551	58.856	ug/l	98
90) Hexachloroethane	14.204	117	90469	51.623	ug/l	94
91) 1,2-Dichlorobenzene	13.980	146	250612	51.651	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	38542	51.853	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	108936	59.269	ug/l	97
94) Hexachlorobutadiene	15.363	225	65620	53.921	ug/l	99
95) Naphthalene	15.504	128	313915	46.453	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	109127	59.246	ug/l	97

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

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