

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072970.D
 Acq On : 21 Jun 2022 09:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 06:58:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	269252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	475681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	423210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	195206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	206937	56.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.700%			
35) Dibromofluoromethane	7.951	113	160568	54.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.220%			
50) Toluene-d8	10.374	98	614286	56.149	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.300%			
62) 4-Bromofluorobenzene	12.663	95	227027	57.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	149895	58.470	ug/l	99
3) Chloromethane	2.269	50	137269	49.814	ug/l	99
4) Vinyl Chloride	2.410	62	130046	56.565	ug/l	97
5) Bromomethane	2.798	94	44861	49.569	ug/l	100
6) Chloroethane	2.969	64	78231	54.390	ug/l	97
7) Trichlorofluoromethane	3.322	101	250895	67.014	ug/l	97
8) Diethyl Ether	3.763	74	106038	54.879	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	145524	56.231	ug/l	100
10) Methyl Iodide	4.351	142	106729	35.980	ug/l	98
11) Tert butyl alcohol	5.281	59	213115	226.642	ug/l	99
12) 1,1-Dichloroethene	4.122	96	142149	55.142	ug/l	99
13) Acrolein	3.981	56	89113	240.627	ug/l	98
14) Allyl chloride	4.763	41	276270	50.161	ug/l #	94
15) Acrylonitrile	5.469	53	549303	253.412	ug/l	99
16) Acetone	4.216	43	496604	248.178	ug/l	94
17) Carbon Disulfide	4.457	76	310032	46.940	ug/l	98
18) Methyl Acetate	4.775	43	262518	49.266	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	552961	57.115	ug/l	100
20) Methylene Chloride	5.016	84	171284	55.211	ug/l	94
21) trans-1,2-Dichloroethene	5.522	96	146399	52.209	ug/l	96
22) Diisopropyl ether	6.410	45	594246	57.876	ug/l	96
23) Vinyl Acetate	6.351	43	2660516	280.702	ug/l	94
24) 1,1-Dichloroethane	6.304	63	307668	57.156	ug/l	98
25) 2-Butanone	7.257	43	763472	240.442	ug/l	91
26) 2,2-Dichloropropane	7.245	77	146603	32.608	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	185962	55.509	ug/l	98
28) Bromochloromethane	7.581	49	124838	56.076	ug/l	88
29) Tetrahydrofuran	7.604	42	518676	247.362	ug/l	89
30) Chloroform	7.745	83	312650	57.373	ug/l	99
31) Cyclohexane	8.022	56	254498	51.684	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	275527	57.616	ug/l	100
36) 1,1-Dichloropropene	8.145	75	214307	53.868	ug/l	100
37) Ethyl Acetate	7.333	43	327375	51.446	ug/l	94
38) Carbon Tetrachloride	8.133	117	231077	55.220	ug/l	98
39) Methylcyclohexane	9.386	83	256848	53.563	ug/l	99
40) Benzene	8.386	78	675092	53.995	ug/l	99

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Reviewed By : John Carlone 06/22/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	150776	49.966	ug/l	88
42) 1,2-Dichloroethane	8.457	62	249058	56.084	ug/l	99
43) Isopropyl Acetate	8.492	43	488801	53.737	ug/l	94
44) Trichloroethene	9.145	130	171284	54.059	ug/l	99
45) 1,2-Dichloropropane	9.422	63	179783	56.254	ug/l	99
46) Dibromomethane	9.510	93	119104	55.116	ug/l	95
47) Bromodichloromethane	9.692	83	251671	58.601	ug/l	99
48) Methyl methacrylate	9.492	41	218203	52.541	ug/l	90
49) 1,4-Dioxane	9.498	88	82918	887.348	ug/l #	94
51) 4-Methyl-2-Pentanone	10.263	43	1532637	258.382	ug/l	92
52) Toluene	10.433	92	427626	55.708	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	250045	54.138	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	267439	53.011	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	178216	52.876	ug/l	97
56) Ethyl methacrylate	10.698	69	300317	55.591	ug/l	86
57) 1,3-Dichloropropane	10.980	76	305437	54.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.974	63	666815	279.579	ug/l	96
59) 2-Hexanone	11.021	43	1161832	253.243	ug/l	89
60) Dibromochloromethane	11.174	129	190717	59.873	ug/l	100
61) 1,2-Dibromoethane	11.280	107	187890	56.547	ug/l	100
64) Tetrachloroethene	10.910	164	140657	54.633	ug/l	98
65) Chlorobenzene	11.704	112	458061	55.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.774	131	176349	56.059	ug/l	99
67) Ethyl Benzene	11.780	91	831625	57.158	ug/l	98
68) m/p-Xylenes	11.886	106	624943	109.513	ug/l	95
69) o-Xylene	12.216	106	315123	55.263	ug/l	96
70) Styrene	12.227	104	529114	57.781	ug/l	99
71) Bromoform	12.392	173	140445	59.212	ug/l #	99
73) Isopropylbenzene	12.510	105	838273	55.509	ug/l	99
74) N-amyl acetate	12.321	43	412710	52.663	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	272630	50.128	ug/l	99
76) 1,2,3-Trichloropropane	12.815	75	239335m	50.570	ug/l	
77) Bromobenzene	12.792	156	196581	54.336	ug/l	92
78) n-propylbenzene	12.851	91	947447	57.037	ug/l	99
79) 2-Chlorotoluene	12.939	91	583668	54.262	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	688622	55.513	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	77666	44.318	ug/l	94
82) 4-Chlorotoluene	13.039	91	559912	55.017	ug/l	99
83) tert-Butylbenzene	13.257	119	619243	54.507	ug/l	96
84) 1,2,4-Trimethylbenzene	13.298	105	689232	55.784	ug/l	97
85) sec-Butylbenzene	13.433	105	852810	56.272	ug/l	99
86) p-Isopropyltoluene	13.551	119	697099	56.814	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	350448	54.257	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	351807	53.815	ug/l	99
89) n-Butylbenzene	13.874	91	567420	56.634	ug/l	99
90) Hexachloroethane	14.145	117	135050	58.383	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	358050	53.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65879	48.031	ug/l	92
93) 1,2,4-Trichlorobenzene	15.186	180	198438	53.232	ug/l	98
94) Hexachlorobutadiene	15.292	225	80160	49.414	ug/l	98
95) Naphthalene	15.427	128	734393	48.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	201105	50.520	ug/l	98

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QLast Update : Sat Jun 18 06:22:45 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

