

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072233.D
 Acq On : 28 Apr 2022 12:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 28 14:52:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 04/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	243350	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	396293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	371428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	152975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	193303	51.741	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.480%			
35) Dibromofluoromethane	8.016	113	134808	53.147	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.300%			
50) Toluene-d8	10.433	98	530578	53.234	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.727	95	187841	56.780	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	138448	50.762	ug/l	96
3) Chloromethane	2.299	50	135686	44.239	ug/l	99
4) Vinyl Chloride	2.440	62	119469	43.610	ug/l	96
5) Bromomethane	2.840	94	66849	51.023	ug/l	99
6) Chloroethane	3.004	64	74201	47.848	ug/l	99
7) Trichlorofluoromethane	3.369	101	234303	48.956	ug/l	95
8) Diethyl Ether	3.828	74	83445	48.150	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.216	101	124463	49.509	ug/l	95
10) Methyl Iodide	4.422	142	148679	48.722	ug/l	# 86
11) Tert butyl alcohol	5.357	59	136533	222.384	ug/l	# 88
12) 1,1-Dichloroethene	4.181	96	109586	47.150	ug/l	86
13) Acrolein	4.034	56	136120	220.311	ug/l	97
14) Allyl chloride	4.840	41	217656	45.103	ug/l	96
15) Acrylonitrile	5.545	53	425536	229.685	ug/l	99
16) Acetone	4.281	43	359458	223.165	ug/l	95
17) Carbon Disulfide	4.528	76	254272	46.524	ug/l	99
18) Methyl Acetate	4.845	43	194359	43.158	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	469401	51.523	ug/l	100
20) Methylene Chloride	5.093	84	138343	44.808	ug/l	# 89
21) trans-1,2-Dichloroethene	5.592	96	119724	46.714	ug/l	89
22) Diisopropyl ether	6.487	45	468184	47.101	ug/l	95
23) Vinyl Acetate	6.428	43	2036753	243.978	ug/l	95
24) 1,1-Dichloroethane	6.381	63	262295	47.175	ug/l	99
25) 2-Butanone	7.328	43	559709	218.194	ug/l	98
26) 2,2-Dichloropropane	7.322	77	217190	50.007	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	148368	47.487	ug/l	90
28) Bromochloromethane	7.651	49	120231	48.292	ug/l	82
29) Tetrahydrofuran	7.675	42	377064	223.982	ug/l	91
30) Chloroform	7.810	83	274199	49.117	ug/l	97
31) Cyclohexane	8.092	56	216181	43.307	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	242566	51.059	ug/l	99
36) 1,1-Dichloropropene	8.216	75	189019	51.196	ug/l	96
37) Ethyl Acetate	7.404	43	222870	45.455	ug/l	98
38) Carbon Tetrachloride	8.204	117	210579	53.253	ug/l	99
39) Methylcyclohexane	9.457	83	212522	51.467	ug/l	92
40) Benzene	8.457	78	571309	49.887	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	114145	46.018	ug/l	89
42) 1,2-Dichloroethane	8.522	62	231285	52.753	ug/l	95
43) Isopropyl Acetate	8.557	43	356108	46.317	ug/l	96
44) Trichloroethene	9.210	130	130962	49.160	ug/l	88
45) 1,2-Dichloropropane	9.486	63	152661	49.333	ug/l	97
46) Dibromomethane	9.569	93	101000	52.101	ug/l	91
47) Bromodichloromethane	9.757	83	220535	54.219	ug/l	99
48) Methyl methacrylate	9.557	41	162332	50.122	ug/l	94
49) 1,4-Dioxane	9.563	88	58784	1033.242	ug/l #	94
51) 4-Methyl-2-Pentanone	10.327	43	1160318	250.813	ug/l	95
52) Toluene	10.498	92	362299	52.920	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	228426	55.866	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	242177	54.767	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	145142	50.562	ug/l	97
56) Ethyl methacrylate	10.757	69	240065	47.859	ug/l	90
57) 1,3-Dichloropropane	11.039	76	259247	51.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	301337	224.725	ug/l	94
59) 2-Hexanone	11.080	43	824925	253.089	ug/l	94
60) Dibromochloromethane	11.233	129	158252	53.913	ug/l	98
61) 1,2-Dibromoethane	11.339	107	147718	52.325	ug/l	98
64) Tetrachloroethene	10.974	164	113161	50.613	ug/l	95
65) Chlorobenzene	11.763	112	375361	50.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	150241	53.129	ug/l	96
67) Ethyl Benzene	11.839	91	718194	54.875	ug/l	98
68) m/p-Xylenes	11.951	106	528625	108.769	ug/l	90
69) o-Xylene	12.274	106	256089	54.353	ug/l	89
70) Styrene	12.286	104	423273	57.034	ug/l	94
71) Bromoform	12.451	173	114706	54.539	ug/l #	99
73) Isopropylbenzene	12.574	105	697103	51.596	ug/l	96
74) N-amyl acetate	12.380	43	245349	48.471	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	225735	50.098	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	204943m	56.458	ug/l	
77) Bromobenzene	12.857	156	152392	47.696	ug/l	85
78) n-propylbenzene	12.916	91	793329	53.300	ug/l	95
79) 2-Chlorotoluene	13.004	91	494450	50.576	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	594578	52.842	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	64729	48.925	ug/l	91
82) 4-Chlorotoluene	13.098	91	479140	52.649	ug/l	93
83) tert-Butylbenzene	13.316	119	511699	51.795	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	580409	53.314	ug/l	93
85) sec-Butylbenzene	13.498	105	700249	54.368	ug/l	96
86) p-Isopropyltoluene	13.610	119	565209	56.288	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	265399	51.323	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	261506	52.001	ug/l	96
89) n-Butylbenzene	13.939	91	429517	55.845	ug/l	98
90) Hexachloroethane	14.204	117	103725	47.585	ug/l	90
91) 1,2-Dichlorobenzene	13.980	146	260481	51.106	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	44107	47.202	ug/l	78
93) 1,2,4-Trichlorobenzene	15.257	180	112637	47.911	ug/l	98
94) Hexachlorobutadiene	15.362	225	70764	51.812	ug/l	98
95) Naphthalene	15.498	128	327112	42.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	110066	47.039	ug/l	97

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

