

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072196.D
 Acq On : 26 Apr 2022 13:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

Quant Time: Apr 27 06:29:16 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	236889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	394399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	370170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	147996	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.433	65	180341	49.588	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.180%
35) Dibromofluoromethane	8.016	113	137612	54.513	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.020%
50) Toluene-d8	10.439	98	505855	50.997	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.727	95	192355	58.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	152610	57.503	ug/l	99
3) Chloromethane	2.299	50	170821	57.454	ug/l	96
4) Vinyl Chloride	2.440	62	140605	52.726	ug/l	97
5) Bromomethane	2.822	94	72676	57.258	ug/l	100
6) Chloroethane	2.999	64	85617	57.033	ug/l	97
7) Trichlorofluoromethane	3.363	101	249332	53.517	ug/l	95
8) Diethyl Ether	3.822	74	95116	56.382	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	137271	56.093	ug/l	95
10) Methyl Iodide	4.422	142	168835	56.836	ug/l	# 87
11) Tert butyl alcohol	5.369	59	157706	263.877	ug/l	99
12) 1,1-Dichloroethene	4.181	96	123462	54.569	ug/l	91
13) Acrolein	4.040	56	56782	94.409	ug/l	98
14) Allyl chloride	4.840	41	255642	54.420	ug/l	# 92
15) Acrylonitrile	5.551	53	492080	272.847	ug/l	100
16) Acetone	4.281	43	404430	257.934	ug/l	98
17) Carbon Disulfide	4.528	76	306512	57.525	ug/l	98
18) Methyl Acetate	4.845	43	238552	54.426	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	501648	56.565	ug/l	98
20) Methylene Chloride	5.093	84	158692	52.800	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	137989	55.310	ug/l	91
22) Diisopropyl ether	6.492	45	548009	56.636	ug/l	97
23) Vinyl Acetate	6.428	43	2358378	290.210	ug/l	94
24) 1,1-Dichloroethane	6.387	63	296018	54.693	ug/l	99
25) 2-Butanone	7.328	43	666675	266.981	ug/l	90
26) 2,2-Dichloropropane	7.322	77	214202	50.665	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	167926	55.212	ug/l	92
28) Bromochloromethane	7.651	49	119230	49.196	ug/l	# 81
29) Tetrahydrofuran	7.681	42	446979	272.755	ug/l	88
30) Chloroform	7.810	83	299657	55.142	ug/l	96
31) Cyclohexane	8.092	56	261720	53.860	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	258006	55.790	ug/l	99
36) 1,1-Dichloropropene	8.216	75	210673	57.335	ug/l	97
37) Ethyl Acetate	7.404	43	264722	54.250	ug/l	96
38) Carbon Tetrachloride	8.204	117	220271	55.972	ug/l	99
39) Methylcyclohexane	9.457	83	248634	60.501	ug/l	93
40) Benzene	8.457	78	650705	57.093	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	145857	59.086	ug/l #	81
42) 1,2-Dichloroethane	8.528	62	247286	56.673	ug/l	98
43) Isopropyl Acetate	8.557	43	420399	54.793	ug/l	94
44) Trichloroethene	9.210	130	148978	56.192	ug/l	89
45) 1,2-Dichloropropane	9.486	63	176228	57.222	ug/l	98
46) Dibromomethane	9.575	93	112161	58.137	ug/l	91
47) Bromodichloromethane	9.757	83	238918	59.021	ug/l	100
48) Methyl methacrylate	9.557	41	201507	62.516	ug/l	92
49) 1,4-Dioxane	9.569	88	70491	1244.965	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	1374746	298.590	ug/l	95
52) Toluene	10.498	92	417673	61.301	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	250623	61.590	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	270466	61.459	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	167230	58.536	ug/l	97
56) Ethyl methacrylate	10.757	69	277830	55.269	ug/l	92
57) 1,3-Dichloropropane	11.039	76	291576	58.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	337208	250.477	ug/l	93
59) 2-Hexanone	11.080	43	967624	298.295	ug/l	93
60) Dibromochloromethane	11.233	129	176185	60.310	ug/l	98
61) 1,2-Dibromoethane	11.339	107	165360	58.856	ug/l	100
64) Tetrachloroethene	10.975	164	124570	55.906	ug/l	95
65) Chlorobenzene	11.763	112	429170	57.380	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	163395	57.977	ug/l	97
67) Ethyl Benzene	11.839	91	811016	62.177	ug/l	98
68) m/p-Xylenes	11.951	106	591657	122.152	ug/l	92
69) o-Xylene	12.274	106	293991	62.610	ug/l	94
70) Styrene	12.292	104	478171	64.650	ug/l	97
71) Bromoform	12.457	173	126661	60.428	ug/l #	99
73) Isopropylbenzene	12.574	105	784670	60.031	ug/l	97
74) N-amyl acetate	12.386	43	278512	56.874	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	246117	56.647	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	192288m	54.993	ug/l	
77) Bromobenzene	12.857	156	166283	53.795	ug/l	85
78) n-propylbenzene	12.916	91	879139	61.053	ug/l	96
79) 2-Chlorotoluene	13.004	91	544654	57.585	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	657730	60.422	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	74130	57.916	ug/l	95
82) 4-Chlorotoluene	13.098	91	511636	58.111	ug/l	94
83) tert-Butylbenzene	13.321	119	565976	59.217	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	642692	61.021	ug/l	95
85) sec-Butylbenzene	13.498	105	780284	62.620	ug/l	97
86) p-Isopropyltoluene	13.610	119	623956	64.229	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	285432	57.054	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	277734	57.086	ug/l	98
89) n-Butylbenzene	13.939	91	481249	64.676	ug/l	98
90) Hexachloroethane	14.204	117	116638	55.309	ug/l	88
91) 1,2-Dichlorobenzene	13.980	146	277602	56.298	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	46822	51.793	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	122070	53.379	ug/l	98
94) Hexachlorobutadiene	15.368	225	71252	53.925	ug/l	99
95) Naphthalene	15.504	128	380851	49.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	121524	53.305	ug/l	97

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

