

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072202.D
 Acq On : 26 Apr 2022 16:25
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 16:55:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 16:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	298372	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	503884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	465543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	188486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	217949	60.528	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.060%			
35) Dibromofluoromethane	8.016	113	156499	52.281	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.560%			
50) Toluene-d8	10.439	98	628503	51.484	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.727	95	216331	54.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	158541	63.748	ug/l	98
3) Chloromethane	2.299	50	178996	57.288	ug/l	98
4) Vinyl Chloride	2.440	62	148236	45.831	ug/l	100
5) Bromomethane	2.834	94	78398	38.758	ug/l	99
6) Chloroethane	3.005	64	102642	44.231	ug/l	100
7) Trichlorofluoromethane	3.369	101	259913	59.669	ug/l	100
8) Diethyl Ether	3.822	74	103611	57.075	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	140438	53.560	ug/l	97
10) Methyl Iodide	4.422	142	179936	50.247	ug/l	# 88
11) Tert butyl alcohol	5.363	59	181867	314.387	ug/l	98
12) 1,1-Dichloroethene	4.181	96	133287	53.482	ug/l	94
13) Acrolein	4.040	56	176535	263.523	ug/l	98
14) Allyl chloride	4.840	41	282076	66.428	ug/l	# 91
15) Acrylonitrile	5.546	53	555808	328.660	ug/l	99
16) Acetone	4.281	43	452735	296.754	ug/l	99
17) Carbon Disulfide	4.534	76	315886	54.576	ug/l	100
18) Methyl Acetate	4.851	43	262550	56.469	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	549036	58.573	ug/l	98
20) Methylene Chloride	5.087	84	167208	53.546	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	143248	52.401	ug/l	88
22) Diisopropyl ether	6.487	45	572295	62.888	ug/l	95
23) Vinyl Acetate	6.428	43	2510854	344.311	ug/l	94
24) 1,1-Dichloroethane	6.387	63	315840	59.783	ug/l	99
25) 2-Butanone	7.328	43	750420	336.023	ug/l	94
26) 2,2-Dichloropropane	7.322	77	251268	56.296	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	176794	52.973	ug/l	91
28) Bromochloromethane	7.657	49	148955	66.399	ug/l	# 80
29) Tetrahydrofuran	7.681	42	499980	345.440	ug/l	89
30) Chloroform	7.816	83	307581	55.926	ug/l	98
31) Cyclohexane	8.092	56	269494	55.928	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	272955	57.654	ug/l	99
36) 1,1-Dichloropropene	8.216	75	223279	53.316	ug/l	96
37) Ethyl Acetate	7.410	43	295364	62.782	ug/l	97
38) Carbon Tetrachloride	8.204	117	229689	55.684	ug/l	96
39) Methylcyclohexane	9.457	83	258824	52.550	ug/l	93
40) Benzene	8.457	78	679149	51.590	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	157746	66.914	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	260186	56.110	ug/l	97
43) Isopropyl Acetate	8.557	43	454480	58.111	ug/l	95
44) Trichloroethene	9.210	130	156022	47.106	ug/l	89
45) 1,2-Dichloropropane	9.486	63	185085	55.549	ug/l	99
46) Dibromomethane	9.575	93	116928	52.383	ug/l	92
47) Bromodichloromethane	9.757	83	250750	56.540	ug/l	97
48) Methyl methacrylate	9.557	41	215563	65.449	ug/l	93
49) 1,4-Dioxane	9.563	88	76334	951.816	ug/l #	90
51) 4-Methyl-2-Pentanone	10.328	43	1502137	330.629	ug/l	94
52) Toluene	10.504	92	433886	52.374	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	266059	57.438	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	285943	56.080	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	174456	51.253	ug/l	98
56) Ethyl methacrylate	10.757	69	291995	59.251	ug/l	90
57) 1,3-Dichloropropane	11.039	76	308228	53.662	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	385901	338.338	ug/l	93
59) 2-Hexanone	11.081	43	1085685	339.042	ug/l	93
60) Dibromochloromethane	11.233	129	184104	55.275	ug/l	100
61) 1,2-Dibromoethane	11.339	107	173875	51.986	ug/l	99
64) Tetrachloroethene	10.975	164	128965	42.930	ug/l	92
65) Chlorobenzene	11.769	112	441605	47.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	170868	50.878	ug/l	97
67) Ethyl Benzene	11.839	91	832214	52.779	ug/l	99
68) m/p-Xylenes	11.951	106	619333	103.024	ug/l	93
69) o-Xylene	12.275	106	308423	51.673	ug/l	95
70) Styrene	12.292	104	493686	54.602	ug/l	96
71) Bromoform	12.451	173	130210	51.643	ug/l #	100
73) Isopropylbenzene	12.575	105	805207	50.523	ug/l	97
74) N-amyl acetate	12.380	43	312205	65.796	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	273418	50.979	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	211511m	47.071	ug/l	
77) Bromobenzene	12.857	156	175243	44.629	ug/l	85
78) n-propylbenzene	12.916	91	908871	53.940	ug/l	96
79) 2-Chlorotoluene	13.004	91	564999	52.119	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	672429	52.869	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	81995	57.322	ug/l	94
82) 4-Chlorotoluene	13.098	91	538498	53.574	ug/l	93
83) tert-Butylbenzene	13.316	119	591096	51.288	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	670448	53.936	ug/l	95
85) sec-Butylbenzene	13.498	105	793049	53.002	ug/l	97
86) p-Isopropyltoluene	13.610	119	645456	54.207	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	304114	48.427	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	293164	47.858	ug/l	96
89) n-Butylbenzene	13.939	91	508044	57.065	ug/l	97
90) Hexachloroethane	14.204	117	119449	54.390	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	294713	47.696	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	54457	63.578	ug/l	80
93) 1,2,4-Trichlorobenzene	15.257	180	135681	56.541	ug/l	97
94) Hexachlorobutadiene	15.363	225	75584	42.275	ug/l	99
95) Naphthalene	15.498	128	434529	71.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	131434	58.814	ug/l	97

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

