

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071952.D
 Acq On : 11 Apr 2022 21:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 08:43:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	536076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	850032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	780697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	318663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	306387	50.064	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.120%			
35) Dibromofluoromethane	8.016	113	270904	54.160	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.320%			
50) Toluene-d8	10.439	98	1079664	52.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.727	95	359557	54.333	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	185010	43.411	ug/l	98
3) Chloromethane	2.299	50	213819	39.592	ug/l	98
4) Vinyl Chloride	2.440	62	240506	40.553	ug/l	98
5) Bromomethane	2.822	94	149637	38.813	ug/l	97
6) Chloroethane	2.999	64	166365	38.993	ug/l	100
7) Trichlorofluoromethane	3.363	101	362368	48.025	ug/l	100
8) Diethyl Ether	3.822	74	171151	53.672	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.204	101	233000	50.110	ug/l	98
10) Methyl Iodide	4.416	142	314316	48.358	ug/l	99
11) Tert butyl alcohol	5.369	59	309658	311.790	ug/l	100
12) 1,1-Dichloroethene	4.175	96	218712	49.429	ug/l	93
13) Acrolein	4.040	56	316969	261.748	ug/l	100
14) Allyl chloride	4.840	41	354975	49.427	ug/l	92
15) Acrylonitrile	5.545	53	884158	306.276	ug/l	99
16) Acetone	4.281	43	636436	243.338	ug/l	94
17) Carbon Disulfide	4.528	76	395233	38.930	ug/l	100
18) Methyl Acetate	4.851	43	380137	58.965	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	916342	55.744	ug/l	96
20) Methylene Chloride	5.093	84	285107	51.718	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	235699	48.523	ug/l	98
22) Diisopropyl ether	6.492	45	842158	53.864	ug/l	96
23) Vinyl Acetate	6.428	43	3555950	286.007	ug/l	99
24) 1,1-Dichloroethane	6.387	63	488661	53.240	ug/l	97
25) 2-Butanone	7.328	43	1078426	286.018	ug/l	97
26) 2,2-Dichloropropane	7.322	77	356890	45.263	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	318245	53.428	ug/l	95
28) Bromochloromethane	7.657	49	187644	50.680	ug/l	95
29) Tetrahydrofuran	7.681	42	699041	286.324	ug/l	97
30) Chloroform	7.816	83	518013	53.450	ug/l	100
31) Cyclohexane	8.092	56	368011	44.217	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	432455	52.159	ug/l	98
36) 1,1-Dichloropropene	8.216	75	341062	48.828	ug/l	99
37) Ethyl Acetate	7.404	43	417632	54.625	ug/l	97
38) Carbon Tetrachloride	8.204	117	355731	51.964	ug/l	98
39) Methylcyclohexane	9.457	83	399997	48.107	ug/l	99
40) Benzene	8.457	78	1136607	51.511	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	225568	60.256	ug/l	91
42) 1,2-Dichloroethane	8.528	62	378638	49.606	ug/l	97
43) Isopropyl Acetate	8.557	43	817934	64.320	ug/l	93
44) Trichloroethene	9.210	130	292909	51.526	ug/l	99
45) 1,2-Dichloropropane	9.486	63	300238	54.466	ug/l	99
46) Dibromomethane	9.575	93	197931	52.885	ug/l	98
47) Bromodichloromethane	9.757	83	411929	55.913	ug/l	99
48) Methyl methacrylate	9.557	41	300752	57.005	ug/l	92
49) 1,4-Dioxane	9.563	88	146584	1173.533	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2176349	297.669	ug/l	96
52) Toluene	10.498	92	742689	53.246	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	439117	56.870	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	471925	55.315	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	322448	56.171	ug/l	99
56) Ethyl methacrylate	10.757	69	507546	61.977	ug/l	92
57) 1,3-Dichloropropane	11.039	76	534748	55.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	626710	248.676	ug/l	99
59) 2-Hexanone	11.080	43	1568125	304.635	ug/l	94
60) Dibromochloromethane	11.233	129	335584	59.954	ug/l	99
61) 1,2-Dibromoethane	11.339	107	316029	55.927	ug/l	98
64) Tetrachloroethene	10.974	164	251796	48.843	ug/l	97
65) Chlorobenzene	11.763	112	832873	53.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	316453	56.100	ug/l	99
67) Ethyl Benzene	11.839	91	1429019	54.000	ug/l	97
68) m/p-Xylenes	11.951	106	1112130	109.377	ug/l	99
69) o-Xylene	12.274	106	564699	55.953	ug/l	97
70) Styrene	12.292	104	914320	59.793	ug/l	99
71) Bromoform	12.451	173	266054	61.936	ug/l #	99
73) Isopropylbenzene	12.574	105	1449072	53.963	ug/l	100
74) N-amyl acetate	12.386	43	452612	58.828	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	486958	54.350	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	425947m	57.700	ug/l	
77) Bromobenzene	12.857	156	349193	51.874	ug/l	99
78) n-propylbenzene	12.916	91	1543563	54.646	ug/l	99
79) 2-Chlorotoluene	13.004	91	970056	53.550	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1166921	54.847	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	139714	58.651	ug/l	93
82) 4-Chlorotoluene	13.098	91	897088	53.426	ug/l	100
83) tert-Butylbenzene	13.321	119	1079862	55.525	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1156033	55.689	ug/l	100
85) sec-Butylbenzene	13.498	105	1424401	56.498	ug/l	100
86) p-Isopropyltoluene	13.610	119	1165112	57.960	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	576570	53.763	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	557480	53.283	ug/l	99
89) n-Butylbenzene	13.939	91	856986	57.479	ug/l	100
90) Hexachloroethane	14.204	117	212408	57.723	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	561836	53.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	84483	60.790	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	270970	53.287	ug/l	99
94) Hexachlorobutadiene	15.362	225	158126	50.924	ug/l	98
95) Naphthalene	15.504	128	826651	56.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	278271	56.321	ug/l	99

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

