

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071846.D
 Acq On : 04 Apr 2022 21:06
 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 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 01:21:53 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	8.080	168	507939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	826984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	760702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	314485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	256977	44.316	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.640%		
35) Dibromofluoromethane	8.016	113	218985	45.000	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.000%		
50) Toluene-d8	10.439	98	894949	44.956	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.920%		
62) 4-Bromofluorobenzene	12.727	95	297153	46.154	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	183889	45.538	ug/l	96
3) Chloromethane	2.298	50	228803	44.714	ug/l	99
4) Vinyl Chloride	2.440	62	253969	45.195	ug/l	98
5) Bromomethane	2.834	94	153326	41.973	ug/l	99
6) Chloroethane	3.004	64	168442	41.667	ug/l	99
7) Trichlorofluoromethane	3.369	101	331496	46.367	ug/l	99
8) Diethyl Ether	3.822	74	158726	52.533	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	208413	47.305	ug/l	99
10) Methyl Iodide	4.422	142	287040	46.607	ug/l	99
11) Tert butyl alcohol	5.363	59	249132	264.742	ug/l	99
12) 1,1-Dichloroethene	4.181	96	203327	48.497	ug/l	94
13) Acrolein	4.040	56	340340	296.616	ug/l	97
14) Allyl chloride	4.839	41	339517	49.893	ug/l	94
15) Acrylonitrile	5.551	53	777135	284.115	ug/l	99
16) Acetone	4.281	43	571507	230.617	ug/l	96
17) Carbon Disulfide	4.528	76	427795	44.472	ug/l	98
18) Methyl Acetate	4.851	43	327511	53.474	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	802766	51.540	ug/l	98
20) Methylene Chloride	5.092	84	260971	49.962	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	218295	47.430	ug/l	99
22) Diisopropyl ether	6.492	45	783942	52.918	ug/l	96
23) Vinyl Acetate	6.428	43	3261441	276.850	ug/l	99
24) 1,1-Dichloroethane	6.386	63	446450	51.335	ug/l	98
25) 2-Butanone	7.328	43	960818	268.943	ug/l	99
26) 2,2-Dichloropropane	7.322	77	316322	42.340	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	286846	50.824	ug/l	96
28) Bromochloromethane	7.651	49	177854	50.697	ug/l	99
29) Tetrahydrofuran	7.680	42	643274	278.078	ug/l	99
30) Chloroform	7.816	83	458314	49.909	ug/l	97
31) Cyclohexane	8.092	56	361032	45.782	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	383589	48.828	ug/l	99
36) 1,1-Dichloropropene	8.222	75	313677	46.159	ug/l	100
37) Ethyl Acetate	7.410	43	386275	51.932	ug/l	99
38) Carbon Tetrachloride	8.204	117	317391	47.656	ug/l	98
39) Methylcyclohexane	9.457	83	377411	46.655	ug/l	100
40) Benzene	8.457	78	1049358	48.882	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	202464	55.592	ug/l	91
42) 1,2-Dichloroethane	8.527	62	343715	46.286	ug/l	97
43) Isopropyl Acetate	8.557	43	655686	52.999	ug/l	96
44) Trichloroethene	9.216	130	258826	46.799	ug/l	100
45) 1,2-Dichloropropane	9.486	63	273327	50.966	ug/l	99
46) Dibromomethane	9.574	93	178944	49.144	ug/l	100
47) Bromodichloromethane	9.757	83	372181	51.925	ug/l	99
48) Methyl methacrylate	9.557	41	262235	51.090	ug/l	93
49) 1,4-Dioxane	9.563	88	125567	1031.616	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	1941091	272.891	ug/l	97
52) Toluene	10.498	92	670785	49.432	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	384900	51.237	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	425201	51.228	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	278451	49.858	ug/l	99
56) Ethyl methacrylate	10.757	69	444595	55.803	ug/l	93
57) 1,3-Dichloropropane	11.039	76	472936	50.648	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	506328	209.385	ug/l	99
59) 2-Hexanone	11.080	43	1397471	279.049	ug/l	97
60) Dibromochloromethane	11.233	129	293694	53.933	ug/l	100
61) 1,2-Dibromoethane	11.345	107	281467	51.199	ug/l	100
64) Tetrachloroethene	10.974	164	217543	43.308	ug/l	98
65) Chlorobenzene	11.768	112	727303	47.748	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	273428	49.747	ug/l	99
67) Ethyl Benzene	11.839	91	1273366	49.383	ug/l	100
68) m/p-Xylenes	11.951	106	976051	98.517	ug/l	99
69) o-Xylene	12.274	106	491851	50.016	ug/l	99
70) Styrene	12.292	104	793162	53.234	ug/l	99
71) Bromoform	12.457	173	227987	54.469	ug/l #	98
73) Isopropylbenzene	12.574	105	1242153	46.872	ug/l	100
74) N-amyl acetate	12.386	43	396848	52.265	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	430779	48.719	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	369790m	50.759	ug/l	
77) Bromobenzene	12.857	156	301130	45.328	ug/l	99
78) n-propylbenzene	12.915	91	1354553	48.591	ug/l	100
79) 2-Chlorotoluene	13.004	91	838321	46.892	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1012292	48.212	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	121935	51.868	ug/l	95
82) 4-Chlorotoluene	13.098	91	788007	47.553	ug/l	99
83) tert-Butylbenzene	13.321	119	912870	47.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1005241	49.068	ug/l	98
85) sec-Butylbenzene	13.498	105	1225168	49.241	ug/l	100
86) p-Isopropyltoluene	13.610	119	996907	50.251	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	490251	46.321	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	473199	45.828	ug/l	99
89) n-Butylbenzene	13.939	91	733444	49.847	ug/l	100
90) Hexachloroethane	14.204	117	191634	52.769	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	485941	46.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	73575	53.645	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	229422	46.012	ug/l	100
94) Hexachlorobutadiene	15.368	225	128581	41.959	ug/l	99
95) Naphthalene	15.504	128	688416	48.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	228628	47.293	ug/l	99

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

