

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042522\
 Data File : VN072174.D
 Acq On : 25 Apr 2022 11:36
 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 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 05:37:30 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	423491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	625717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	579451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	251548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	214247	44.315	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.620%		
35) Dibromofluoromethane	8.016	113	204217	55.464	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	110.920%		
50) Toluene-d8	10.439	98	767943	50.985	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.727	95	273533	56.152	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	208085	61.805	ug/l	98
3) Chloromethane	2.298	50	209478	49.101	ug/l	97
4) Vinyl Chloride	2.440	62	222495	47.490	ug/l	99
5) Bromomethane	2.822	94	121708	39.962	ug/l	96
6) Chloroethane	2.993	64	140283	41.621	ug/l	95
7) Trichlorofluoromethane	3.363	101	332406	55.766	ug/l	95
8) Diethyl Ether	3.822	74	144202	57.243	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	210141	57.208	ug/l	95
10) Methyl Iodide	4.416	142	290472	56.570	ug/l	99
11) Tert butyl alcohol	5.363	59	216384	275.795	ug/l	98
12) 1,1-Dichloroethene	4.175	96	198067	56.663	ug/l	90
13) Acrolein	4.034	56	85002	88.854	ug/l	100
14) Allyl chloride	4.834	41	282527	49.798	ug/l	91
15) Acrylonitrile	5.545	53	633181	277.647	ug/l	98
16) Acetone	4.281	43	446085	215.901	ug/l	90
17) Carbon Disulfide	4.528	76	460781	57.452	ug/l	100
18) Methyl Acetate	4.851	43	259407	50.722	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	714734	55.039	ug/l	96
20) Methylene Chloride	5.087	84	244632	56.174	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	215590	56.183	ug/l	93
22) Diisopropyl ether	6.492	45	621247	50.298	ug/l	92
23) Vinyl Acetate	6.428	43	2585288	263.216	ug/l	95
24) 1,1-Dichloroethane	6.381	63	395462	54.540	ug/l	97
25) 2-Butanone	7.328	43	730274	245.172	ug/l	91
26) 2,2-Dichloropropane	7.322	77	321272	51.578	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	272200	57.846	ug/l	91
28) Bromochloromethane	7.651	49	135152	46.207	ug/l	87
29) Tetrahydrofuran	7.675	42	483741	250.813	ug/l	89
30) Chloroform	7.816	83	414850	54.185	ug/l	100
31) Cyclohexane	8.092	56	339607	51.653	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	357877	54.639	ug/l	96
36) 1,1-Dichloropropene	8.216	75	295915	57.551	ug/l	98
37) Ethyl Acetate	7.404	43	289581	51.455	ug/l #	93
38) Carbon Tetrachloride	8.198	117	299240	59.383	ug/l	99
39) Methylcyclohexane	9.457	83	381795	62.379	ug/l	97
40) Benzene	8.457	78	965722	59.456	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	157940	57.316	ug/l	94
42) 1,2-Dichloroethane	8.527	62	295164	52.533	ug/l	95
43) Isopropyl Acetate	8.551	43	458637	48.996	ug/l	93
44) Trichloroethene	9.210	130	251742	60.160	ug/l	99
45) 1,2-Dichloropropane	9.486	63	238515	58.781	ug/l	97
46) Dibromomethane	9.574	93	164131	59.575	ug/l	95
47) Bromodichloromethane	9.757	83	324475	59.831	ug/l	98
48) Methyl methacrylate	9.557	41	196775	50.668	ug/l #	83
49) 1,4-Dioxane	9.563	88	118920	1294.795	ug/l	95
51) 4-Methyl-2-Pentanone	10.327	43	1489369	276.735	ug/l	92
52) Toluene	10.498	92	632648	61.617	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	345104	60.717	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	382206	60.859	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	256488	60.698	ug/l	98
56) Ethyl methacrylate	10.757	69	388786	64.495	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	414448	58.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	501751	268.980	ug/l	97
59) 2-Hexanone	11.080	43	1056815	278.905	ug/l	91
60) Dibromochloromethane	11.233	129	273543	66.390	ug/l	99
61) 1,2-Dibromoethane	11.339	107	256639	61.699	ug/l	98
64) Tetrachloroethene	10.974	164	226885	59.296	ug/l	98
65) Chlorobenzene	11.768	112	687797	59.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	253564	60.563	ug/l	99
67) Ethyl Benzene	11.839	91	1191197	60.646	ug/l	98
68) m/p-Xylenes	11.945	106	952664	126.233	ug/l	97
69) o-Xylene	12.274	106	468866	62.593	ug/l	97
70) Styrene	12.286	104	765606	67.457	ug/l	97
71) Bromoform	12.451	173	217983	68.369	ug/l	99
73) Isopropylbenzene	12.574	105	1194805	56.366	ug/l	99
74) N-amyl acetate	12.380	43	301368	49.621	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.821	83	365311	51.652	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	309782m	53.161	ug/l	
77) Bromobenzene	12.857	156	298649	56.202	ug/l	93
78) n-propylbenzene	12.915	91	1292148	57.950	ug/l	98
79) 2-Chlorotoluene	13.004	91	800631	55.989	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	973577	57.969	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	108331	57.611	ug/l	91
82) 4-Chlorotoluene	13.098	91	742784	56.039	ug/l	99
83) tert-Butylbenzene	13.315	119	892218	58.116	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	953112	58.164	ug/l	99
85) sec-Butylbenzene	13.498	105	1186978	59.643	ug/l	99
86) p-Isopropyltoluene	13.610	119	984435	62.038	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	489278	57.796	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	473203	57.295	ug/l	99
89) n-Butylbenzene	13.939	91	689339	58.571	ug/l	100
90) Hexachloroethane	14.204	117	178040	61.292	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	471678	56.754	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	58645	53.457	ug/l	87
93) 1,2,4-Trichlorobenzene	15.256	180	222352	55.310	ug/l	99
94) Hexachlorobutadiene	15.362	225	140259	57.221	ug/l	97
95) Naphthalene	15.498	128	614714	53.385	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	220605	56.553	ug/l	99

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

