

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071068.D
 Acq On : 25 Feb 2022 12:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 26 03:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	708081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1111517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1023498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	442850	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.434	65	408714	50.530	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.060%
35) Dibromofluoromethane	8.016	113	318036	48.105	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.200%
50) Toluene-d8	10.433	98	1277219	48.105	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.727	95	452670	47.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	345589	46.991	ug/l	99
3) Chloromethane	2.299	50	449252	48.599	ug/l	99
4) Vinyl Chloride	2.446	62	431981	46.682	ug/l	100
5) Bromomethane	2.840	94	237472	45.175	ug/l	98
6) Chloroethane	3.010	64	286111	47.129	ug/l	96
7) Trichlorofluoromethane	3.375	101	591832	51.034	ug/l	99
8) Diethyl Ether	3.822	74	253935	50.371	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	347837	48.888	ug/l	97
10) Methyl Iodide	4.422	142	493586	50.090	ug/l	98
11) Tert butyl alcohol	5.351	59	391839	265.818	ug/l	98
12) 1,1-Dichloroethene	4.187	96	329602	47.547	ug/l	97
13) Acrolein	4.040	56	342939	260.353	ug/l	99
14) Allyl chloride	4.840	41	699112	52.880	ug/l	87
15) Acrylonitrile	5.545	53	1222330	281.515	ug/l	99
16) Acetone	4.275	43	1377498	309.235	ug/l	96
17) Carbon Disulfide	4.534	76	817287	41.113	ug/l	99
18) Methyl Acetate	4.846	43	557489	57.244	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1317342	54.174	ug/l	95
20) Methylene Chloride	5.093	84	399287	49.321	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	356543	47.920	ug/l	91
22) Diisopropyl ether	6.487	45	1464183	57.744	ug/l	92
23) Vinyl Acetate	6.428	43	6244355	290.916	ug/l	99
24) 1,1-Dichloroethane	6.387	63	751537	52.872	ug/l	100
25) 2-Butanone	7.328	43	1821346	307.358	ug/l	95
26) 2,2-Dichloropropane	7.322	77	625596	52.956	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	434824	50.848	ug/l	90
28) Bromochloromethane	7.651	49	332898	57.864	ug/l	85
29) Tetrahydrofuran	7.675	42	1114553	290.335	ug/l	92
30) Chloroform	7.816	83	726489	51.966	ug/l	99
31) Cyclohexane	8.092	56	702902	50.247	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	627647	51.987	ug/l	98
36) 1,1-Dichloropropene	8.216	75	547664	50.562	ug/l	97
37) Ethyl Acetate	7.404	43	650814	56.025	ug/l	99
38) Carbon Tetrachloride	8.204	117	539714	50.571	ug/l	97
39) Methylcyclohexane	9.457	83	681055	48.865	ug/l	94
40) Benzene	8.457	78	1647829	51.431	ug/l	99

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41) Methacrylonitrile	7.634	41	342198	55.932	ug/l	88
42) 1,2-Dichloroethane	8.522	62	575810	52.768	ug/l	98
43) Isopropyl Acetate	8.551	43	1076476	58.791	ug/l	98
44) Trichloroethene	9.210	130	403698	47.849	ug/l	97
45) 1,2-Dichloropropane	9.486	63	449888	54.817	ug/l	98
46) Dibromomethane	9.575	93	278165	51.502	ug/l	97
47) Bromodichloromethane	9.757	83	578333	52.982	ug/l	99
48) Methyl methacrylate	9.551	41	521201	60.138	ug/l #	82
49) 1,4-Dioxane	9.563	88	166850	1083.916	ug/l	89
51) 4-Methyl-2-Pentanone	10.322	43	3313414	297.425	ug/l	98
52) Toluene	10.498	92	1047277	52.019	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	641271	54.027	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	699502	53.664	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	409842	52.007	ug/l	98
56) Ethyl methacrylate	10.757	69	700541	59.000	ug/l	91
57) 1,3-Dichloropropane	11.039	76	733240	53.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	595676	228.648	ug/l	95
59) 2-Hexanone	11.080	43	2436765	318.041	ug/l	98
60) Dibromochloromethane	11.233	129	435813	52.329	ug/l	100
61) 1,2-Dibromoethane	11.339	107	417487	52.084	ug/l	99
64) Tetrachloroethene	10.975	164	352229	44.189	ug/l	98
65) Chlorobenzene	11.763	112	1101213	49.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	410694	51.085	ug/l	99
67) Ethyl Benzene	11.839	91	2029119	52.567	ug/l	98
68) m/p-Xylenes	11.951	106	1545033	103.622	ug/l	99
69) o-Xylene	12.274	106	764870	52.513	ug/l	99
70) Styrene	12.286	104	1230675	53.138	ug/l	97
71) Bromoform	12.451	173	327618	51.168	ug/l #	99
73) Isopropylbenzene	12.574	105	1986381	55.726	ug/l	99
74) N-amyl acetate	12.380	43	741749	65.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	621898	54.903	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	469391m	45.017	ug/l	
77) Bromobenzene	12.857	156	460581	52.782	ug/l	84
78) n-propylbenzene	12.916	91	2241212	55.961	ug/l	98
79) 2-Chlorotoluene	13.004	91	1354029	55.672	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1586666	54.943	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	189410	58.864	ug/l	89
82) 4-Chlorotoluene	13.098	91	1296159	54.901	ug/l	95
83) tert-Butylbenzene	13.316	119	1449297	52.918	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1555913	54.733	ug/l	99
85) sec-Butylbenzene	13.498	105	1980903	54.891	ug/l	99
86) p-Isopropyltoluene	13.610	119	1620781	54.710	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	793199	51.349	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	766463	50.643	ug/l	99
89) n-Butylbenzene	13.939	91	1261319	52.185	ug/l	97
90) Hexachloroethane	14.204	117	293232	55.424	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	753697	51.960	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	104366	56.867	ug/l	92
93) 1,2,4-Trichlorobenzene	15.257	180	370238	45.594	ug/l	98
94) Hexachlorobutadiene	15.362	225	226242	42.771	ug/l	100
95) Naphthalene	15.498	128	921003	46.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	347123	46.375	ug/l	98

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

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