

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN069018.D
 Acq On : 19 Oct 2021 8:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/19/2021 5:23:46 PM

Quant Time: Oct 19 10:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards								
1) Pentafluorobenzene			8.086	168	323126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			8.968	114	583113	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.744	117	555881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.675	152	243251	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.437	65	236808	55.585	ug/l	0.00
Spiked Amount 50.000			Range	61 - 141	Recovery	= 111.160%		
35) Dibromofluoromethane			8.021	113	184584	54.408	ug/l	0.00
Spiked Amount 50.000			Range	69 - 133	Recovery	= 108.820%		
50) Toluene-d8			10.443	98	757875	55.831	ug/l	0.00
Spiked Amount 50.000			Range	65 - 126	Recovery	= 111.660%		
62) 4-Bromofluorobenzene			12.731	95	292886	57.188	ug/l	0.00
Spiked Amount 50.000			Range	58 - 135	Recovery	= 114.380%		
Target Compounds								
								Qvalue
2) Dichlorodifluoromethane			2.073	85	165520	41.357	ug/l	99
3) Chloromethane			2.301	50	188793	47.802	ug/l	99
4) Vinyl Chloride			2.445	62	216630	54.002	ug/l	99
5) Bromomethane			2.837	94	136570	61.893	ug/l	98
6) Chloroethane			3.009	64	139907	59.179	ug/l	99
7) Trichlorofluoromethane			3.373	101	279063	49.680	ug/l	99
8) Diethyl Ether			3.827	74	103417	49.357	ug/l	98
9) 1,1,2-Trichlorotrifluo...			4.213	101	152338	50.436	ug/l	99
10) Methyl Iodide			4.425	142	210568	48.033	ug/l	99
11) Tert butyl alcohol			5.363	59	171141	219.843	ug/l	100
12) 1,1-Dichloroethene			4.186	96	149542	47.896	ug/l	99
13) Acrolein			4.041	56	96255	279.507	ug/l	98
14) Allyl chloride			4.843	41	253364	45.267	ug/l	97
15) Acrylonitrile			5.551	53	431956	247.634	ug/l	99
16) Acetone			4.283	43	356190	224.038	ug/l	99
17) Carbon Disulfide			4.535	76	388845	45.889	ug/l	100
18) Methyl Acetate			4.854	43	314064	52.080	ug/l	98
19) Methyl tert-butyl Ether			5.616	73	587508	50.535	ug/l	100
20) Methylene Chloride			5.098	84	181678	49.648	ug/l	97
21) trans-1,2-Dichloroethene			5.599	96	163231	48.392	ug/l	98
22) Diisopropyl ether			6.495	45	588678	50.576	ug/l	99
23) Vinyl Acetate			6.434	43	2160932	245.580	ug/l	98
24) 1,1-Dichloroethane			6.388	63	320465	50.674	ug/l	99
25) 2-Butanone			7.332	43	587666	244.439	ug/l	98
26) 2,2-Dichloropropane			7.324	77	189237	31.399	ug/l	98
27) cis-1,2-Dichloroethene			7.327	96	199414	48.906	ug/l	96
28) Bromochloromethane			7.657	49	157276	54.910	ug/l	99
29) Tetrahydrofuran			7.683	42	391477	251.038	ug/l	97
30) Chloroform			7.817	83	346329	51.964	ug/l	99
31) Cyclohexane			8.096	56	294267	44.424	ug/l	94
32) 1,1,1-Trichloroethane			8.016	97	312928	50.367	ug/l	99
36) 1,1-Dichloropropene			8.222	75	249424	50.078	ug/l	99
37) Ethyl Acetate			7.410	43	247464	48.107	ug/l	100
38) Carbon Tetrachloride			8.206	117	268277	49.044	ug/l	100
39) Methylcyclohexane			9.461	83	306215	47.767	ug/l	97
40) Benzene			8.461	78	759471	50.075	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	122400	47.203	ug/l	93
42) 1,2-Dichloroethane	8.531	62	275064	51.216	ug/l	100
43) Isopropyl Acetate	8.560	43	471805	51.983	ug/l	98
44) Trichloroethene	9.217	130	186222	49.060	ug/l	98
45) 1,2-Dichloropropane	9.491	63	197588	50.206	ug/l	99
46) Dibromomethane	9.577	93	137906	51.335	ug/l	99
47) Bromodichloromethane	9.762	83	281393	50.547	ug/l	97
48) Methyl methacrylate	9.558	41	208423	48.873	ug/l	95
49) 1,4-Dioxane	9.569	88	71885	869.680	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1336940	254.039	ug/l	99
52) Toluene	10.505	92	506994	51.958	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	301241	47.771	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	307894	46.928	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	198287	51.541	ug/l	99
56) Ethyl methacrylate	10.760	69	331384	51.303	ug/l	98
57) 1,3-Dichloropropane	11.044	76	335757	52.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	435751	230.880	ug/l	99
59) 2-Hexanone	11.084	43	978817	259.353	ug/l	99
60) Dibromochloromethane	11.240	129	218330	50.278	ug/l	100
61) 1,2-Dibromoethane	11.347	107	208962	52.955	ug/l	100
64) Tetrachloroethene	10.979	164	157766	44.057	ug/l	96
65) Chlorobenzene	11.771	112	543767	51.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	205501	49.914	ug/l	100
67) Ethyl Benzene	11.846	91	1006591	51.516	ug/l	99
68) m/p-Xylenes	11.953	106	754602	101.876	ug/l	99
69) o-Xylene	12.280	106	378498	51.051	ug/l	98
70) Styrene	12.294	104	633135	52.460	ug/l	99
71) Bromoform	12.460	173	158166	47.957	ug/l #	98
73) Isopropylbenzene	12.581	105	1005245	49.649	ug/l	100
74) N-amyl acetate	12.387	43	391227	51.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	308556	52.734	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	282834m	54.647	ug/l	
77) Bromobenzene	12.862	156	222533	49.704	ug/l	99
78) n-propylbenzene	12.921	91	1153698	50.704	ug/l	100
79) 2-Chlorotoluene	13.010	91	705301	50.291	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	833315	49.412	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	89925	41.567	ug/l	99
82) 4-Chlorotoluene	13.106	91	696611	51.402	ug/l	100
83) tert-Butylbenzene	13.323	119	736862	50.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	822178	50.599	ug/l	99
85) sec-Butylbenzene	13.503	105	1028063	50.565	ug/l	100
86) p-Isopropyltoluene	13.616	119	835813	51.252	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	395290	51.043	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	388858	50.592	ug/l	99
89) n-Butylbenzene	13.943	91	691594	50.941	ug/l	100
90) Hexachloroethane	14.211	117	168306	49.131	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	380051	50.520	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	55488	49.186	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	171722	42.447	ug/l	99
94) Hexachlorobutadiene	15.370	225	94330	44.036	ug/l	100
95) Naphthalene	15.507	128	473824	42.585	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	164279	42.650	ug/l	99

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

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