

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067919.D
 Acq On : 26 Jul 2021 20:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:56:19 PM

Quant Time: Jul 27 01:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	361072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	653674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	630417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	310770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	276319	50.637	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.280%			
35) Dibromofluoromethane	8.021	113	211807	53.631	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.260%			
50) Toluene-d8	10.443	98	835471	50.540	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.734	95	308260	52.787	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	139822	45.559	ug/l	98
3) Chloromethane	2.301	50	187575	38.589	ug/l	100
4) Vinyl Chloride	2.443	62	322988	44.027	ug/l	97
5) Bromomethane	2.818	94	285930	58.122	ug/l	97
6) Chloroethane	2.998	64	250244	50.588	ug/l	99
7) Trichlorofluoromethane	3.363	101	620011	55.983	ug/l	99
8) Diethyl Ether	3.811	74	139993	47.936	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.200	101	177990	53.190	ug/l	97
10) Methyl Iodide	4.411	142	204319	51.255	ug/l	92
11) Tert butyl alcohol	5.388	59	176959	225.668	ug/l #	87
12) 1,1-Dichloroethene	4.170	96	164639	51.281	ug/l	90
13) Acrolein	4.036	56	100603	263.394	ug/l	100
14) Allyl chloride	4.832	41	290600	49.240	ug/l	97
15) Acrylonitrile	5.554	53	524944	269.902	ug/l	100
16) Acetone	4.291	43	417041	242.880	ug/l	93
17) Carbon Disulfide	4.519	76	397114	44.653	ug/l	100
18) Methyl Acetate	4.859	43	248823	51.592	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	691021	51.940	ug/l	100
20) Methylene Chloride	5.090	84	214379	53.531	ug/l	93
21) trans-1,2-Dichloroethene	5.591	96	192603	50.740	ug/l	89
22) Diisopropyl ether	6.501	45	703189	52.507	ug/l	97
23) Vinyl Acetate	6.434	43	2955660m	258.147	ug/l	
24) 1,1-Dichloroethane	6.385	63	386367	51.751	ug/l	99
25) 2-Butanone	7.337	43	727379	255.109	ug/l	94
26) 2,2-Dichloropropane	7.327	77	311538	47.749	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	247181	52.036	ug/l	84
28) Bromochloromethane	7.657	49	178671	49.044	ug/l #	83
29) Tetrahydrofuran	7.686	42	480004	255.998	ug/l	91
30) Chloroform	7.818	83	441830	52.686	ug/l	99
31) Cyclohexane	8.094	56	334241	43.683	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	385944	53.075	ug/l	97
36) 1,1-Dichloropropene	8.223	75	311367	51.279	ug/l	96
37) Ethyl Acetate	7.415	43	303614	51.606	ug/l	98
38) Carbon Tetrachloride	8.204	117	326376	54.492	ug/l	100
39) Methylcyclohexane	9.462	83	327138	49.214	ug/l	91
40) Benzene	8.461	78	944785	51.981	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	152321	50.375	ug/l	92
42) 1,2-Dichloroethane	8.531	62	356048	52.750	ug/l	97
43) Isopropyl Acetate	8.563	43	540147	52.193	ug/l	97
44) Trichloroethene	9.218	130	241974	52.458	ug/l	88
45) 1,2-Dichloropropane	9.491	63	243167	52.843	ug/l	99
46) Dibromomethane	9.580	93	174375	53.404	ug/l	95
47) Bromodichloromethane	9.765	83	349118	54.692	ug/l	98
48) Methyl methacrylate	9.563	41	236054	51.571	ug/l	89
49) 1,4-Dioxane	9.572	88	82015	903.804	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	1724587	271.252	ug/l	96
52) Toluene	10.508	92	635486	53.376	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	368782	48.535	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	383346	54.001	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	250754	54.958	ug/l	96
56) Ethyl methacrylate	10.765	69	390639	55.573	ug/l	92
57) 1,3-Dichloropropane	11.047	76	412793	52.761	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	383820	207.836	ug/l	93
59) 2-Hexanone	11.087	43	1214251	273.610	ug/l	94
60) Dibromochloromethane	11.240	129	265530	47.539	ug/l	98
61) 1,2-Dibromoethane	11.350	107	256353	55.032	ug/l	99
64) Tetrachloroethene	10.980	164	237770	53.431	ug/l	96
65) Chlorobenzene	11.773	112	677530	52.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	260028	57.094	ug/l	99
67) Ethyl Benzene	11.849	91	1252104	53.121	ug/l	95
68) m/p-Xylenes	11.956	106	971936	109.022	ug/l	86
69) o-Xylene	12.283	106	478430	54.584	ug/l	87
70) Styrene	12.296	104	810627	57.815	ug/l	93
71) Bromoform	12.460	173	181279	45.198	ug/l #	99
73) Isopropylbenzene	12.581	105	1248380	49.787	ug/l	97
74) N-amyl acetate	12.390	43	458322	50.384	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	371441	51.042	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	299257m	47.153	ug/l	
77) Bromobenzene	12.865	156	282290	50.867	ug/l	77
78) n-propylbenzene	12.921	91	1450495	51.147	ug/l	97
79) 2-Chlorotoluene	13.010	91	871423	50.861	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	1059813	52.164	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	101946	51.790	ug/l	96
82) 4-Chlorotoluene	13.106	91	874906	51.604	ug/l	91
83) tert-Butylbenzene	13.326	119	889300	51.325	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1052507	52.870	ug/l	94
85) sec-Butylbenzene	13.503	105	1244921	51.917	ug/l	97
86) p-Isopropyltoluene	13.619	119	1037619	53.622	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	546622	53.094	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	524026	49.714	ug/l	95
89) n-Butylbenzene	13.946	91	808150	48.691	ug/l	98
90) Hexachloroethane	14.211	117	175074	54.475	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	490324	49.339	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	60769	48.080	ug/l	72
93) 1,2,4-Trichlorobenzene	15.268	180	201820	39.574	ug/l	99
94) Hexachlorobutadiene	15.373	225	93785	44.911	ug/l	98
95) Naphthalene	15.509	128	571178	38.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	195219	39.902	ug/l	99

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

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