

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067717.D
 Acq On : 13 Jul 2021 15:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:17:34 PM

Quant Time: Jul 13 22:17:08 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	8.088	168	432214	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	771182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	771438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	389621	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	313267	47.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.92%
35) Dibromofluoromethane	8.021	113	232050	49.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.60%
50) Toluene-d8	10.443	98	997862	51.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.34%
62) 4-Bromofluorobenzene	12.733	95	366601	53.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.42%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	169036	46.01	ug/l	100
3) Chloromethane	2.301	50	227693	39.13	ug/l	97
4) Vinyl Chloride	2.443	62	370636	42.21	ug/l	98
5) Bromomethane	2.832	94	307537	51.67	ug/l	96
6) Chloroethane	3.006	64	291607	48.94	ug/l	97
7) Trichlorofluoromethane	3.365	101	732080	55.17	ug/l	100
8) Diethyl Ether	3.819	74	129216	36.96	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.199	101	203361	50.77	ug/l	96
10) Methyl Iodide	4.414	142	246010	51.56	ug/l	93
11) Tert butyl alcohol	5.385	59	208002	221.59	ug/l	# 85
12) 1,1-Dichloroethene	4.170	96	187912	48.90	ug/l	90
13) Acrolein	4.036	56	125934	275.64	ug/l	99
14) Allyl chloride	4.835	41	334395	47.33	ug/l	93
15) Acrylonitrile	5.554	53	558490	239.89	ug/l	100
16) Acetone	4.285	43	453140	220.47	ug/l	95
17) Carbon Disulfide	4.521	76	498948	46.87	ug/l	98
18) Methyl Acetate	4.854	43	252560	43.75	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	778399	48.88	ug/l	99
20) Methylene Chloride	5.093	84	237196	49.43	ug/l	91
21) trans-1,2-Dichloroethene	5.589	96	227690	50.11	ug/l	88
22) Diisopropyl ether	6.498	45	810560	50.56	ug/l	97
23) Vinyl Acetate	6.434	43	3405509	248.48	ug/l	96
24) 1,1-Dichloroethane	6.383	63	436607	48.85	ug/l	99
25) 2-Butanone	7.337	43	800554	234.56	ug/l	94
26) 2,2-Dichloropropane	7.324	77	397092	50.84	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	281864	49.57	ug/l	87
28) Bromochloromethane	7.657	49	199168	45.67	ug/l	# 79
29) Tetrahydrofuran	7.686	42	531879	236.97	ug/l	92
30) Chloroform	7.817	83	500455	49.85	ug/l	100
31) Cyclohexane	8.094	56	414485	45.25	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	441211	50.69	ug/l	98
36) 1,1-Dichloropropene	8.220	75	368265	51.41	ug/l	96
37) Ethyl Acetate	7.415	43	340716	49.09	ug/l	100
38) Carbon Tetrachloride	8.206	117	378447	53.56	ug/l	96
39) Methylcyclohexane	9.461	83	414935	52.91	ug/l	92
40) Benzene	8.458	78	1105356	51.55	ug/l	100
41) Methacrylonitrile	7.635	41	172501	48.36	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.531	62	405844	50.97	ug/l	96
43) Isopropyl Acetate	8.563	43	613952	50.29	ug/l	96
44) Trichloroethene	9.217	130	284129	52.21	ug/l	87
45) 1,2-Dichloropropane	9.491	63	278366	51.27	ug/l	98
46) Dibromomethane	9.577	93	203095	52.72	ug/l	95
47) Bromodichloromethane	9.762	83	398525	52.92	ug/l	98
48) Methyl methacrylate	9.561	41	267080	49.46	ug/l	89
49) 1,4-Dioxane	9.571	88	95670	894.00	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	1920903	256.09	ug/l	95
52) Toluene	10.507	92	783733	55.80	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	442352	49.32	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	461629	55.12	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	291959	54.24	ug/l	98
56) Ethyl methacrylate	10.762	69	462279	55.74	ug/l	91
57) 1,3-Dichloropropane	11.047	76	488243	52.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	442897	203.66	ug/l	92
59) 2-Hexanone	11.087	43	1366577	261.01	ug/l	94
60) Dibromochloromethane	11.240	129	315468	47.86	ug/l	99
61) 1,2-Dibromoethane	11.347	107	305062	55.51	ug/l	99
64) Tetrachloroethene	10.979	164	287017	52.71	ug/l	97
65) Chlorobenzene	11.771	112	820981	51.82	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	307211	55.12	ug/l	99
67) Ethyl Benzene	11.846	91	1538910	53.35	ug/l	97
68) m/p-Xylenes	11.956	106	1192374	109.30	ug/l	87
69) o-Xylene	12.283	106	578666	53.95	ug/l	88
70) Styrene	12.296	104	983976	57.35	ug/l	93
71) Bromoform	12.460	173	218518	44.57	ug/l #	99
73) Isopropylbenzene	12.581	105	1533385	48.78	ug/l	97
74) N-amyl acetate	12.390	43	539785	47.33	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	420222	46.06	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	356445m	44.80	ug/l	
77) Bromobenzene	12.862	156	346909	49.86	ug/l	74
78) n-propylbenzene	12.921	91	1774058	49.90	ug/l	96
79) 2-Chlorotoluene	13.010	91	1046603	48.72	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1280473	50.27	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	123595	50.08	ug/l	95
82) 4-Chlorotoluene	13.106	91	1064624	50.09	ug/l	91
83) tert-Butylbenzene	13.326	119	1073311	49.41	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1291328	51.74	ug/l	93
85) sec-Butylbenzene	13.503	105	1532204	50.97	ug/l	96
86) p-Isopropyltoluene	13.619	119	1271655	52.42	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	662080	51.29	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	651626	49.31	ug/l	96
89) n-Butylbenzene	13.946	91	1049703	50.44	ug/l	98
90) Hexachloroethane	14.211	117	211952	52.60	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	630404	50.60	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	72102	45.50	ug/l	67
93) 1,2,4-Trichlorobenzene	15.265	180	280640	43.60	ug/l	98
94) Hexachlorobutadiene	15.373	225	136362	52.08	ug/l	98
95) Naphthalene	15.507	128	752258	40.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	260903	42.36	ug/l	98

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