

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068140.D
 Acq On : 17 Aug 2021 13:30
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081721

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:16 PM

Quant Time: Aug 17 16:27:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	703528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1022301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1013124	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	545554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	333276	44.367	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.740%		
35) Dibromofluoromethane	8.021	113	315677	49.184	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.360%		
50) Toluene-d8	10.443	98	1240382	50.719	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.440%		
62) 4-Bromofluorobenzene	12.733	95	442040	54.296	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	263197	47.214	ug/l	100
3) Chloromethane	2.301	50	271228	43.065	ug/l	99
4) Vinyl Chloride	2.443	62	437940	44.377	ug/l	98
5) Bromomethane	2.834	94	401075	51.603	ug/l	98
6) Chloroethane	3.006	64	335146	57.007	ug/l	96
7) Trichlorofluoromethane	3.365	101	892206	45.988	ug/l	100
8) Diethyl Ether	3.816	74	177228	39.383	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.199	101	288220	48.589	ug/l #	84
10) Methyl Iodide	4.414	142	415045	49.207	ug/l #	88
11) Tert butyl alcohol	5.385	59	221669	236.632	ug/l	99
12) 1,1-Dichloroethene	4.170	96	263668	46.230	ug/l #	78
13) Acrolein	4.036	56	145055	234.698	ug/l	99
14) Allyl chloride	4.832	41	347691	47.693	ug/l #	93
15) Acrylonitrile	5.554	53	622939	236.031	ug/l	98
16) Acetone	4.288	43	583397	266.002	ug/l #	88
17) Carbon Disulfide	4.521	76	711148	48.233	ug/l	98
18) Methyl Acetate	4.856	43	276478	49.363	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	908128	49.388	ug/l	96
20) Methylene Chloride	5.092	84	305984	50.450	ug/l #	81
21) trans-1,2-Dichloroethene	5.591	96	307914	48.223	ug/l #	78
22) Diisopropyl ether	6.498	45	803230	50.436	ug/l #	92
23) Vinyl Acetate	6.433	43	3102938m	250.306	ug/l	
24) 1,1-Dichloroethane	6.385	63	498291	46.829	ug/l	96
25) 2-Butanone	7.337	43	841712	246.262	ug/l #	84
26) 2,2-Dichloropropane	7.324	77	480901	52.747	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	368166	48.155	ug/l	76
28) Bromochloromethane	7.656	49	227402	48.600	ug/l #	44
29) Tetrahydrofuran	7.686	42	522733	239.139	ug/l #	79
30) Chloroform	7.817	83	601353	47.442	ug/l	99
31) Cyclohexane	8.094	56	456754	46.164	ug/l #	84
32) 1,1,1-Trichloroethane	8.016	97	561443	49.668	ug/l	94
36) 1,1-Dichloropropene	8.220	75	439160	52.550	ug/l	90
37) Ethyl Acetate	7.415	43	339105	47.631	ug/l	94
38) Carbon Tetrachloride	8.204	117	512392	53.160	ug/l	98
39) Methylcyclohexane	9.461	83	532477	56.417	ug/l #	85
40) Benzene	8.461	78	1328433	52.082	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	163376	50.263	ug/l #	83
42) 1,2-Dichloroethane	8.531	62	439325	50.565	ug/l	92
43) Isopropyl Acetate	8.563	43	588336	51.590	ug/l #	90
44) Trichloroethene	9.217	130	407950	53.185	ug/l	76
45) 1,2-Dichloropropane	9.491	63	315618	52.607	ug/l	99
46) Dibromomethane	9.577	93	251714	51.433	ug/l #	76
47) Bromodichloromethane	9.764	83	485697	53.405	ug/l #	99
48) Methyl methacrylate	9.561	41	256391	53.950	ug/l #	83
49) 1,4-Dioxane	9.571	88	124397	1082.940	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	1811932	258.651	ug/l	88
52) Toluene	10.507	92	951352	54.711	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	519326	58.137	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	539215	55.714	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	360878	51.934	ug/l	95
56) Ethyl methacrylate	10.762	69	502427	56.303	ug/l #	80
57) 1,3-Dichloropropane	11.046	76	558685	52.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	376608	201.082	ug/l #	82
59) 2-Hexanone	11.087	43	1329875	273.398	ug/l	86
60) Dibromochloromethane	11.240	129	437418	55.797	ug/l	100
61) 1,2-Dibromoethane	11.347	107	391997	54.394	ug/l	100
64) Tetrachloroethene	10.979	164	434855	55.509	ug/l #	87
65) Chlorobenzene	11.773	112	1083235	52.220	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	427366	54.617	ug/l	98
67) Ethyl Benzene	11.848	91	1855248	54.221	ug/l	92
68) m/p-Xylenes	11.956	106	1525419	111.445	ug/l	79
69) o-Xylene	12.283	106	746012	56.408	ug/l	79
70) Styrene	12.296	104	1221785	57.716	ug/l #	89
71) Bromoform	12.460	173	366054	58.333	ug/l #	98
73) Isopropylbenzene	12.581	105	1906084	49.126	ug/l	94
74) N-amyl acetate	12.390	43	485237	48.028	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	508277	43.680	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	373296m	41.168	ug/l	
77) Bromobenzene	12.862	156	532582	49.823	ug/l	52
78) n-propylbenzene	12.924	91	2096549	50.372	ug/l	89
79) 2-Chlorotoluene	13.010	91	1235577	48.002	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	1584525	50.481	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	144528	52.218	ug/l	85
82) 4-Chlorotoluene	13.106	91	1243859	49.786	ug/l	83
83) tert-Butylbenzene	13.326	119	1386011	49.726	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	1558145	50.850	ug/l	89
85) sec-Butylbenzene	13.503	105	1868242	50.905	ug/l	91
86) p-Isopropyltoluene	13.618	119	1631335	53.850	ug/l	89
87) 1,3-Dichlorobenzene	13.618	146	959925	52.664	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	939050	50.854	ug/l	91
89) n-Butylbenzene	13.946	91	1218466	53.918	ug/l	95
90) Hexachloroethane	14.214	117	285213	50.742	ug/l	64
91) 1,2-Dichlorobenzene	13.991	146	900559	51.893	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.605	75	83122	47.161	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.265	180	460850	50.603	ug/l	97
94) Hexachlorobutadiene	15.372	225	260442	55.413	ug/l	99
95) Naphthalene	15.509	128	1016069	47.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	422663	48.978	ug/l	96

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

