

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
 Data File : VN068350.D
 Acq On : 27 Aug 2021 17:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/30/2021 9:41:47 AM

Quant Time: Aug 28 01:29:18 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	8.088	168	644143	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	938169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	928846	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	511461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	324264	47.147	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.300%
35) Dibromofluoromethane	8.021	113	306268	51.997	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.000%
50) Toluene-d8	10.443	98	1180225	52.587	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.733	95	425345	56.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.860%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	223680	43.825	ug/l	99
3) Chloromethane	2.303	50	236276	40.974	ug/l	98
4) Vinyl Chloride	2.443	62	396714	43.905	ug/l	96
5) Bromomethane	2.840	94	344728	48.240	ug/l	98
6) Chloroethane	3.011	64	285365	52.691	ug/l	96
7) Trichlorofluoromethane	3.368	101	807455	45.457	ug/l	98
8) Diethyl Ether	3.821	74	276658	67.146	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.197	101	257601	47.431	ug/l #	84
10) Methyl Iodide	4.414	142	326127	42.230	ug/l #	88
11) Tert butyl alcohol	5.393	59	213872	249.357	ug/l	100
12) 1,1-Dichloroethene	4.173	96	240258	46.009	ug/l #	76
13) Acrolein	4.038	56	79721	136.876	ug/l	99
14) Allyl chloride	4.832	41	318984	47.789	ug/l #	94
15) Acrylonitrile	5.556	53	605576	250.606	ug/l	99
16) Acetone	4.291	43	479390	238.731	ug/l #	88
17) Carbon Disulfide	4.521	76	599766	44.429	ug/l	99
18) Methyl Acetate	4.859	43	279742	54.914	ug/l #	85
19) Methyl tert-butyl Ether	5.621	73	876134	52.041	ug/l	97
20) Methylene Chloride	5.093	84	300900	54.350	ug/l #	80
21) trans-1,2-Dichloroethene	5.594	96	283746	48.535	ug/l #	78
22) Diisopropyl ether	6.501	45	757217	51.930	ug/l #	91
23) Vinyl Acetate	6.436	43	2892892m	254.876	ug/l	
24) 1,1-Dichloroethane	6.385	63	465783	47.810	ug/l	96
25) 2-Butanone	7.340	43	784254	250.605	ug/l #	84
26) 2,2-Dichloropropane	7.324	77	441210	52.855	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	346199	49.456	ug/l	75
28) Bromochloromethane	7.659	49	211456	49.359	ug/l #	36
29) Tetrahydrofuran	7.689	42	509263	254.456	ug/l #	77
30) Chloroform	7.817	83	576939	49.712	ug/l	99
31) Cyclohexane	8.094	56	412846	45.573	ug/l #	84
32) 1,1,1-Trichloroethane	8.016	97	545514	52.708	ug/l #	93
36) 1,1-Dichloropropene	8.220	75	407479	53.132	ug/l	90
37) Ethyl Acetate	7.418	43	318391	48.732	ug/l #	94
38) Carbon Tetrachloride	8.206	117	494583	55.914	ug/l	98
39) Methylcyclohexane	9.461	83	515000	59.458	ug/l #	84
40) Benzene	8.458	78	1249439	53.377	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	153185	51.354	ug/l #	79
42) 1,2-Dichloroethane	8.531	62	418052	52.431	ug/l	92
43) Isopropyl Acetate	8.566	43	566757	54.154	ug/l #	88
44) Trichloroethene	9.217	130	377676	53.654	ug/l	74
45) 1,2-Dichloropropane	9.491	63	297347	54.006	ug/l	98
46) Dibromomethane	9.579	93	242651	54.027	ug/l #	73
47) Bromodichloromethane	9.765	83	470721	56.399	ug/l #	97
48) Methyl methacrylate	9.563	41	245127	56.205	ug/l #	81
49) 1,4-Dioxane	9.571	88	110422	1047.485	ug/l #	77
51) 4-Methyl-2-Pentanone	10.333	43	1791332	278.641	ug/l	88
52) Toluene	10.507	92	896519	56.182	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	497273	60.660	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	510063	57.428	ug/l #	82
55) 1,1,2-Trichloroethane	10.902	97	357899	56.124	ug/l	93
56) Ethyl methacrylate	10.765	69	490739	59.925	ug/l #	78
57) 1,3-Dichloropropane	11.046	76	543327	55.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	437347	249.513	ug/l #	80
59) 2-Hexanone	11.087	43	1284256	287.696	ug/l	85
60) Dibromochloromethane	11.240	129	442471	61.504	ug/l	100
61) 1,2-Dibromoethane	11.350	107	385492	58.289	ug/l	99
64) Tetrachloroethene	10.979	164	381829	53.162	ug/l #	87
65) Chlorobenzene	11.773	112	1032040	54.267	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	428722	59.762	ug/l	98
67) Ethyl Benzene	11.848	91	1727269	55.061	ug/l	92
68) m/p-Xylenes	11.956	106	1422468	113.353	ug/l	77
69) o-Xylene	12.283	106	694377	57.268	ug/l	77
70) Styrene	12.296	104	1137671	58.619	ug/l #	89
71) Bromoform	12.460	173	372971	64.828	ug/l #	98
73) Isopropylbenzene	12.581	105	1795281	49.354	ug/l	93
74) N-amyl acetate	12.390	43	462970	48.878	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.830	83	508878	46.647	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	381815m	44.914	ug/l	
77) Bromobenzene	12.862	156	519751	51.864	ug/l	51
78) n-propylbenzene	12.924	91	1961511	50.269	ug/l	89
79) 2-Chlorotoluene	13.010	91	1148056	47.575	ug/l	80
80) 1,3,5-Trimethylbenzene	13.061	105	1505184	51.150	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.626	75	141461	54.517	ug/l #	83
82) 4-Chlorotoluene	13.106	91	1145261	48.895	ug/l	82
83) tert-Butylbenzene	13.326	119	1369379	52.405	ug/l	81
84) 1,2,4-Trimethylbenzene	13.369	105	1486247	51.737	ug/l	89
85) sec-Butylbenzene	13.503	105	1869595	54.337	ug/l	91
86) p-Isopropyltoluene	13.618	119	1631184	57.434	ug/l	89
87) 1,3-Dichlorobenzene	13.618	146	910092	53.258	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	887423	51.262	ug/l	91
89) n-Butylbenzene	13.946	91	1233668	58.229	ug/l	95
90) Hexachloroethane	14.211	117	291169	55.255	ug/l	62
91) 1,2-Dichlorobenzene	13.991	146	858200	52.749	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.605	75	82996	50.228	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.265	180	481640	56.103	ug/l	97
94) Hexachlorobutadiene	15.373	225	267993	60.821	ug/l	100
95) Naphthalene	15.507	128	1115968	55.212	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	464572	56.935	ug/l	97

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

