

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068533.D
 Acq On : 17 Sep 2021 20:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 6:58:06 PM

Quant Time: Sep 20 04:01:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	560660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	801670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	752402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	396873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	250770	48.760	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.520%		
35) Dibromofluoromethane	8.024	113	246161	50.911	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.820%		
50) Toluene-d8	10.443	98	902418	45.827	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.660%		
62) 4-Bromofluorobenzene	12.734	95	299728	46.197	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	175040	38.238	ug/l	98
3) Chloromethane	2.301	50	178348	44.628	ug/l	100
4) Vinyl Chloride	2.443	62	299165	43.094	ug/l	100
5) Bromomethane	2.840	94	269448	46.005	ug/l	99
6) Chloroethane	3.009	64	214661	42.000	ug/l	97
7) Trichlorofluoromethane	3.371	101	368837	42.362	ug/l	99
8) Diethyl Ether	3.829	74	116316	44.293	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.213	101	201160	41.809	ug/l	99
10) Methyl Iodide	4.425	142	301425	43.924	ug/l	99
11) Tert butyl alcohol	5.372	59	169526	237.359	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	188332	42.755	ug/l	99
13) Acrolein	4.047	56	71213	186.472	ug/l	98
14) Allyl chloride	4.843	41	243494	43.519	ug/l	99
15) Acrylonitrile	5.557	53	472292	240.834	ug/l	99
16) Acetone	4.288	43	345659	242.426	ug/l	97
17) Carbon Disulfide	4.535	76	467976	39.566	ug/l	99
18) Methyl Acetate	4.854	43	212730	47.471	ug/l	100
19) Methyl tert-butyl Ether	5.618	73	707606	47.942	ug/l	100
20) Methylene Chloride	5.101	84	237945	49.577	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	226669	45.074	ug/l	96
22) Diisopropyl ether	6.498	45	589485	48.657	ug/l	98
23) Vinyl Acetate	6.436	43	2239800	247.370	ug/l	98
24) 1,1-Dichloroethane	6.391	63	377399	45.974	ug/l	98
25) 2-Butanone	7.335	43	589740	235.977	ug/l	99
26) 2,2-Dichloropropane	7.329	77	300086	39.595	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	280117	47.425	ug/l	97
28) Bromochloromethane	7.659	49	149163	46.694	ug/l	98
29) Tetrahydrofuran	7.686	42	396440	242.992	ug/l	99
30) Chloroform	7.820	83	459310	47.295	ug/l	99
31) Cyclohexane	8.099	56	322160	41.336	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	432685	48.024	ug/l	99
36) 1,1-Dichloropropene	8.222	75	311573	46.617	ug/l	99
37) Ethyl Acetate	7.412	43	251269	49.423	ug/l	98
38) Carbon Tetrachloride	8.209	117	405470	50.640	ug/l	99
39) Methylcyclohexane	9.462	83	394022	46.598	ug/l	98
40) Benzene	8.461	78	977863	49.427	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	116484	46.559	ug/l	93
42) 1,2-Dichloroethane	8.531	62	327107	47.720	ug/l	100
43) Isopropyl Acetate	8.563	43	442105	49.288	ug/l	100
44) Trichloroethene	9.217	130	312785	49.935	ug/l	98
45) 1,2-Dichloropropane	9.494	63	227899	48.252	ug/l	100
46) Dibromomethane	9.580	93	191620	50.401	ug/l	96
47) Bromodichloromethane	9.765	83	368730	51.112	ug/l	100
48) Methyl methacrylate	9.561	41	182579	48.744	ug/l	89
49) 1,4-Dioxane	9.569	88	83879	976.196	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	1326886	259.138	ug/l	100
52) Toluene	10.508	92	682870	52.022	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	359896	52.072	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	382645	50.523	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	281523	54.044	ug/l	100
56) Ethyl methacrylate	10.762	69	361871	55.932	ug/l	100
57) 1,3-Dichloropropane	11.047	76	412963	51.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	192805	292.253	ug/l	99
59) 2-Hexanone	11.087	43	908829	265.030	ug/l	100
60) Dibromochloromethane	11.240	129	353169	49.500	ug/l	99
61) 1,2-Dibromoethane	11.347	107	298573	54.060	ug/l	98
64) Tetrachloroethene	10.980	164	335788	50.354	ug/l	99
65) Chlorobenzene	11.773	112	786329	50.868	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	329175	54.166	ug/l	100
67) Ethyl Benzene	11.848	91	1295228	51.199	ug/l	100
68) m/p-Xylenes	11.956	106	1078813	105.906	ug/l	99
69) o-Xylene	12.283	106	535361	53.939	ug/l	99
70) Styrene	12.296	104	843590	48.248	ug/l	99
71) Bromoform	12.460	173	298172	51.909	ug/l #	100
73) Isopropylbenzene	12.581	105	1359486	48.155	ug/l	99
74) N-amyl acetate	12.390	43	311540	49.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	377506	47.699	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	288495m	52.925	ug/l	
77) Bromobenzene	12.862	156	389980	49.941	ug/l	99
78) n-propylbenzene	12.921	91	1416922	47.532	ug/l	99
79) 2-Chlorotoluene	13.010	91	860255	46.810	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1136026	49.534	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	95264	53.197	ug/l	98
82) 4-Chlorotoluene	13.109	91	841614	47.488	ug/l	100
83) tert-Butylbenzene	13.326	119	1050874	50.185	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1111169	50.517	ug/l	100
85) sec-Butylbenzene	13.503	105	1357221	49.156	ug/l	99
86) p-Isopropyltoluene	13.619	119	1177939	50.544	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	675861	49.884	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	652214	48.841	ug/l	99
89) n-Butylbenzene	13.946	91	793757	46.756	ug/l	99
90) Hexachloroethane	14.211	117	223138	54.547	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	655553	50.160	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	62423	49.690	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	299142	40.902	ug/l	99
94) Hexachlorobutadiene	15.373	225	204265	52.958	ug/l	99
95) Naphthalene	15.507	128	581194	37.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	277829	40.322	ug/l	99

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

