

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066387.D
 Acq On : 29 Mar 2021 19:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:50:59 PM

Quant Time: Mar 30 01:40:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	415295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	651641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	600820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	294876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	284001	51.44	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.88%			
35) Dibromofluoromethane	7.507	113	221229	51.21	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.42%			
50) Toluene-d8	10.028	98	849647	51.85	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.70%			
62) 4-Bromofluorobenzene	12.342	95	297865	52.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	264310	50.53	ug/l	100
3) Chloromethane	2.017	50	285989	51.76	ug/l	100
4) Vinyl Chloride	2.145	62	327479	54.70	ug/l	99
5) Bromomethane	2.505	94	218998	54.54	ug/l	96
6) Chloroethane	2.647	64	206601	55.36	ug/l	98
7) Trichlorofluoromethane	2.961	101	443491	53.87	ug/l	99
8) Diethyl Ether	3.342	74	178556	53.24	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.677	101	252790	54.39	ug/l	97
10) Methyl Iodide	3.867	142	348049	52.78	ug/l	99
11) Tert butyl alcohol	4.715	59	251914	299.20	ug/l #	83
12) 1,1-Dichloroethene	3.658	96	252900	53.13	ug/l	98
13) Acrolein	3.529	56	107818	248.45	ug/l	99
14) Allyl chloride	4.224	41	518583	55.10	ug/l	99
15) Acrylonitrile	4.881	53	646406	275.30	ug/l	98
16) Acetone	3.736	43	756702	253.69	ug/l	98
17) Carbon Disulfide	3.964	76	742344	52.83	ug/l	99
18) Methyl Acetate	4.235	43	473444	60.77	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	702054	49.75	ug/l	99
20) Methylene Chloride	4.449	84	301511	57.92	ug/l	98
21) trans-1,2-Dichloroethene	4.929	96	214670	49.74	ug/l	99
22) Diisopropyl ether	5.857	45	772546	52.61	ug/l	99
23) Vinyl Acetate	5.796	43	3409127	272.68	ug/l	99
24) 1,1-Dichloroethane	5.742	63	415505	51.23	ug/l	99
25) 2-Butanone	6.745	43	898672	275.63	ug/l	100
26) 2,2-Dichloropropane	6.724	77	338962	46.90	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	258527	51.35	ug/l	98
28) Bromochloromethane	7.102	49	215878	52.82	ug/l	99
29) Tetrahydrofuran	7.129	42	606728	285.19	ug/l	100
30) Chloroform	7.284	83	423776	52.30	ug/l	99
31) Cyclohexane	7.566	56	379654	49.69	ug/l	98
32) 1,1,1-Trichloroethane	7.485	97	368173	51.71	ug/l	100
36) 1,1-Dichloropropene	7.708	75	311651	50.91	ug/l	99
37) Ethyl Acetate	6.842	43	371566	55.15	ug/l	100
38) Carbon Tetrachloride	7.692	117	306723	49.84	ug/l	99
39) Methylcyclohexane	9.011	83	376920	50.51	ug/l	100
40) Benzene	7.960	78	972527	52.60	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	176655	52.84	ug/l	95
42) 1,2-Dichloroethane	8.046	62	340617	51.43	ug/l	99
43) Isopropyl Acetate	8.094	43	620769	53.90	ug/l	99
44) Trichloroethene	8.765	130	238675	49.08	ug/l	100
45) 1,2-Dichloropropane	9.049	63	256749	52.13	ug/l	99
46) Dibromomethane	9.137	93	169454	52.47	ug/l	99
47) Bromodichloromethane	9.336	83	341837	51.27	ug/l	97
48) Methyl methacrylate	9.135	41	284049	51.83	ug/l	98
49) 1,4-Dioxane	9.135	88	79039	1147.58	ug/l	99
51) 4-Methyl-2-Pentanone	9.923	43	1899329	282.19	ug/l	100
52) Toluene	10.092	92	600475	52.91	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	371324	51.27	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	402793	51.79	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	241168	52.85	ug/l	98
56) Ethyl methacrylate	10.371	69	376538	53.80	ug/l	98
57) 1,3-Dichloropropane	10.647	76	403928	53.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	289641	363.07	ug/l	100
59) 2-Hexanone	10.693	43	1373724	291.33	ug/l	99
60) Dibromochloromethane	10.840	129	269781	53.24	ug/l	100
61) 1,2-Dibromoethane	10.945	107	251535	52.87	ug/l	99
64) Tetrachloroethene	10.572	164	213422	41.74	ug/l	99
65) Chlorobenzene	11.374	112	622261	51.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	239418	51.91	ug/l	100
67) Ethyl Benzene	11.452	91	1144485	52.64	ug/l	99
68) m/p-Xylenes	11.565	106	859408	104.03	ug/l	100
69) o-Xylene	11.889	106	414788	52.04	ug/l	99
70) Styrene	11.905	104	688855	53.30	ug/l	100
71) Bromoform	12.069	173	205554	53.58	ug/l #	100
73) Isopropylbenzene	12.192	105	1093557	49.86	ug/l	100
74) N-amyl acetate	12.015	43	429209	49.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	373972	53.54	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	328805m	50.82	ug/l	
77) Bromobenzene	12.468	156	278462	50.27	ug/l	99
78) n-propylbenzene	12.533	91	1238806	51.95	ug/l	99
79) 2-Chlorotoluene	12.616	91	727762	49.62	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	904332	50.41	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	115132	53.51	ug/l	99
82) 4-Chlorotoluene	12.715	91	736640	50.47	ug/l	98
83) tert-Butylbenzene	12.938	119	781668	50.62	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	892289	51.19	ug/l	99
85) sec-Butylbenzene	13.115	105	1027606	51.35	ug/l	99
86) p-Isopropyltoluene	13.233	119	922826	51.50	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	482175	51.88	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	484079	50.16	ug/l	98
89) n-Butylbenzene	13.557	91	777692	52.53	ug/l	99
90) Hexachloroethane	13.815	117	168158	52.03	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	477322	52.24	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	75882	56.65	ug/l	97
93) 1,2,4-Trichlorobenzene	14.850	180	281773	49.73	ug/l	98
94) Hexachlorobutadiene	14.949	225	150867	48.81	ug/l	99
95) Naphthalene	15.070	128	844889	51.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	278738	48.94	ug/l	99

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

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