

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066798.D
 Acq On : 27 Apr 2021 22:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:58 PM

Quant Time: Apr 28 08:15:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	312526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	495931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	459092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	229372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	182853	45.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 91.08%			
35) Dibromofluoromethane	7.513	113	157088	51.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.62%			
50) Toluene-d8	10.029	98	604410	50.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.60%			
62) 4-Bromofluorobenzene	12.343	95	213781	52.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	164013	48.44	ug/l	98
3) Chloromethane	2.034	50	223070	50.17	ug/l	99
4) Vinyl Chloride	2.163	62	222200	51.18	ug/l	99
5) Bromomethane	2.503	94	133711	47.19	ug/l	98
6) Chloroethane	2.651	64	132986	49.20	ug/l	98
7) Trichlorofluoromethane	2.967	101	248003	47.50	ug/l	98
8) Diethyl Ether	3.353	74	106177	50.12	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.694	101	150166	48.61	ug/l	98
10) Methyl Iodide	3.884	142	240906	51.07	ug/l	97
11) Tert butyl alcohol	4.705	59	150934	243.76	ug/l	99
12) 1,1-Dichloroethene	3.673	96	156187	49.93	ug/l	96
13) Acrolein	3.544	56	116273	224.82	ug/l	97
14) Allyl chloride	4.244	41	279515	47.57	ug/l	93
15) Acrylonitrile	4.893	53	428415	260.93	ug/l	99
16) Acetone	3.750	43	326535	215.55	ug/l	100
17) Carbon Disulfide	3.984	76	474667	49.46	ug/l	98
18) Methyl Acetate	4.247	43	190079	46.59	ug/l	99
19) Methyl tert-butyl Ether	4.955	73	526625	49.17	ug/l	97
20) Methylene Chloride	4.469	84	189240	49.29	ug/l	99
21) trans-1,2-Dichloroethene	4.949	96	171280	50.91	ug/l	94
22) Diisopropyl ether	5.864	45	573187	48.91	ug/l	98
23) Vinyl Acetate	5.805	43	2381319	244.15	ug/l	99
24) 1,1-Dichloroethane	5.756	63	326161	50.23	ug/l	99
25) 2-Butanone	6.743	43	527025	247.45	ug/l	96
26) 2,2-Dichloropropane	6.735	77	235908	42.80	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	197751	50.81	ug/l	99
28) Bromochloromethane	7.111	49	145471	48.83	ug/l	93
29) Tetrahydrofuran	7.127	42	363163	249.56	ug/l	98
30) Chloroform	7.291	83	309508	49.11	ug/l	100
31) Cyclohexane	7.578	56	289240	46.58	ug/l	94
32) 1,1,1-Trichloroethane	7.492	97	261910	48.62	ug/l	99
36) 1,1-Dichloropropene	7.717	75	233370	50.64	ug/l	100
37) Ethyl Acetate	6.840	43	232357	47.47	ug/l	100
38) Carbon Tetrachloride	7.698	117	221982	50.23	ug/l	99
39) Methylcyclohexane	9.015	83	283118	51.93	ug/l	96
40) Benzene	7.966	78	750269	52.45	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	101942	45.80	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	234799	48.59	ug/l	99
43) Isopropyl Acetate	8.092	43	383431	49.30	ug/l	99
44) Trichloroethene	8.768	130	185853	53.41	ug/l	98
45) 1,2-Dichloropropane	9.050	63	200317	52.46	ug/l	100
46) Dibromomethane	9.141	93	122153	52.37	ug/l	99
47) Bromodichloromethane	9.337	83	252482	51.67	ug/l	99
48) Methyl methacrylate	9.136	41	175534	51.75	ug/l	94
49) 1,4-Dioxane	9.136	88	62629	1233.92	ug/l	96
51) 4-Methyl-2-Pentanone	9.922	43	1111664	263.02	ug/l	100
52) Toluene	10.093	92	456580	53.07	ug/l	98
53) t-1,3-Dichloropropene	10.321	75	273297	52.26	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	307083	52.41	ug/l	98
55) 1,1,2-Trichloroethane	10.501	97	178822	54.11	ug/l	97
56) Ethyl methacrylate	10.369	69	258270	47.42	ug/l	96
57) 1,3-Dichloropropane	10.646	76	301623	53.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	294754	261.19	ug/l	96
59) 2-Hexanone	10.691	43	738055	224.09	ug/l	99
60) Dibromochloromethane	10.841	129	195896	54.42	ug/l	100
61) 1,2-Dibromoethane	10.946	107	181550	54.75	ug/l	100
64) Tetrachloroethene	10.571	164	157600	51.92	ug/l	99
65) Chlorobenzene	11.375	112	475610	51.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	179583	52.14	ug/l	99
67) Ethyl Benzene	11.453	91	855326	52.82	ug/l	99
68) m/p-Xylenes	11.563	106	648424	109.15	ug/l	100
69) o-Xylene	11.890	106	315510	53.18	ug/l	99
70) Styrene	11.906	104	509365	47.54	ug/l	100
71) Bromoform	12.070	173	141094	56.58	ug/l #	98
73) Isopropylbenzene	12.193	105	827686	49.23	ug/l	99
74) N-amyl acetate	12.019	43	196078	49.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.448	83	260695	47.12	ug/l	97
76) 1,2,3-Trichloropropane	12.496	75	239509m	49.54	ug/l	
77) Bromobenzene	12.467	156	210262	50.69	ug/l	98
78) n-propylbenzene	12.534	91	940078	50.70	ug/l	100
79) 2-Chlorotoluene	12.617	91	571111	48.42	ug/l	100
80) 1,3,5-Trimethylbenzene	12.676	105	704320	49.62	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	69453	41.56	ug/l	97
82) 4-Chlorotoluene	12.716	91	572361	50.28	ug/l	100
83) tert-Butylbenzene	12.936	119	596557	49.06	ug/l	99
84) 1,2,4-Trimethylbenzene	12.982	105	684627	51.21	ug/l	99
85) sec-Butylbenzene	13.113	105	802912	50.91	ug/l	100
86) p-Isopropyltoluene	13.231	119	702528	51.89	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	366398	51.96	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	373954	49.89	ug/l	98
89) n-Butylbenzene	13.558	91	564631	48.94	ug/l	100
90) Hexachloroethane	13.816	117	138493	48.89	ug/l	90
91) 1,2-Dichlorobenzene	13.596	146	365781	51.17	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	45547	45.92	ug/l	98
93) 1,2,4-Trichlorobenzene	14.851	180	214211	54.11	ug/l	98
94) Hexachlorobutadiene	14.948	225	115321	52.52	ug/l	99
95) Naphthalene	15.071	128	513576	50.42	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	201570	52.65	ug/l	99

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

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