

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
 Data File : VN066507.D
 Acq On : 7 Apr 2021 14:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 11:53:58 AM

Quant Time: Apr 08 01:53:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	356293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	545145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	520106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	255689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	251027	53.50	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.00%			
35) Dibromofluoromethane	7.504	113	191239	51.47	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.94%			
50) Toluene-d8	10.028	98	740934	52.48	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.96%			
62) 4-Bromofluorobenzene	12.345	95	255334	55.77	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	198540	49.31	ug/l	98
3) Chloromethane	2.017	50	237154	44.98	ug/l	99
4) Vinyl Chloride	2.145	62	267907	45.15	ug/l	99
5) Bromomethane	2.502	94	188212	43.56	ug/l	98
6) Chloroethane	2.644	64	177720	45.73	ug/l	99
7) Trichlorofluoromethane	2.955	101	355569	45.59	ug/l	98
8) Diethyl Ether	3.339	74	105573	49.53	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.680	101	161617	48.70	ug/l	99
10) Methyl Iodide	3.870	142	233921	48.30	ug/l	99
11) Tert butyl alcohol	4.675	59	155924	205.94	ug/l #	96
12) 1,1-Dichloroethene	3.661	96	152699	46.11	ug/l	94
13) Acrolein	3.529	56	81729	199.94	ug/l	99
14) Allyl chloride	4.232	41	253993	45.41	ug/l #	89
15) Acrylonitrile	4.876	53	474228	220.98	ug/l	98
16) Acetone	3.736	43	403919	205.38	ug/l	99
17) Carbon Disulfide	3.969	76	468221	43.80	ug/l	100
18) Methyl Acetate	4.232	43	204954	41.66	ug/l	96
19) Methyl tert-butyl Ether	4.940	73	571133	49.05	ug/l	98
20) Methylene Chloride	4.455	84	195082	46.21	ug/l	94
21) trans-1,2-Dichloroethene	4.935	96	179372	46.77	ug/l	98
22) Diisopropyl ether	5.849	45	646208	51.06	ug/l	96
23) Vinyl Acetate	5.790	43	2789188	252.57	ug/l	100
24) 1,1-Dichloroethane	5.742	63	348826	48.52	ug/l	99
25) 2-Butanone	6.734	43	633883	214.83	ug/l	100
26) 2,2-Dichloropropane	6.726	77	293615	47.90	ug/l	100
27) cis-1,2-Dichloroethene	6.732	96	211868	48.19	ug/l	99
28) Bromochloromethane	7.102	49	191515	51.45	ug/l	97
29) Tetrahydrofuran	7.118	42	420873	212.57	ug/l	99
30) Chloroform	7.281	83	350994	48.44	ug/l	97
31) Cyclohexane	7.571	56	306023	47.42	ug/l	97
32) 1,1,1-Trichloroethane	7.483	97	295521	47.13	ug/l	99
36) 1,1-Dichloropropene	7.711	75	258658	48.83	ug/l	98
37) Ethyl Acetate	6.831	43	279658	42.66	ug/l	99
38) Carbon Tetrachloride	7.692	117	251263	46.81	ug/l	99
39) Methylcyclohexane	9.014	83	305041	50.33	ug/l	98
40) Benzene	7.960	78	819709	49.42	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	131130	41.37	ug/l	94
42) 1,2-Dichloroethane	8.046	62	284269	49.04	ug/l	100
43) Isopropyl Acetate	8.086	43	464103	45.71	ug/l #	91
44) Trichloroethene	8.765	130	198284	46.41	ug/l	99
45) 1,2-Dichloropropane	9.046	63	220055	49.82	ug/l	100
46) Dibromomethane	9.140	93	138530	48.08	ug/l	100
47) Bromodichloromethane	9.333	83	285644	48.33	ug/l	98
48) Methyl methacrylate	9.132	41	210423	46.69	ug/l	95
49) 1,4-Dioxane	9.129	88	60543	990.13	ug/l	99
51) 4-Methyl-2-Pentanone	9.918	43	1354626	224.64	ug/l	99
52) Toluene	10.092	92	501730	49.90	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	318600	51.71	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	338785	50.12	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	201844	48.85	ug/l	99
56) Ethyl methacrylate	10.368	69	288441	43.61	ug/l	98
57) 1,3-Dichloropropane	10.645	76	334209	49.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	200926	246.18	ug/l	99
59) 2-Hexanone	10.690	43	924699	194.25	ug/l	99
60) Dibromochloromethane	10.840	129	225041	49.20	ug/l	100
61) 1,2-Dibromoethane	10.945	107	205758	48.16	ug/l	100
64) Tetrachloroethene	10.570	164	201399	46.09	ug/l	98
65) Chlorobenzene	11.374	112	523716	48.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	199975	48.66	ug/l	99
67) Ethyl Benzene	11.452	91	957383	51.29	ug/l	100
68) m/p-Xylenes	11.565	106	729442	104.83	ug/l	98
69) o-Xylene	11.892	106	347086	51.29	ug/l	99
70) Styrene	11.908	104	567253	45.84	ug/l	99
71) Bromoform	12.071	173	162119	48.91	ug/l #	100
73) Isopropylbenzene	12.192	105	920400	49.58	ug/l	100
74) N-amyl acetate	12.018	43	252624	42.73	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	295014	42.66	ug/l	96
76) 1,2,3-Trichloropropane	12.495	75	272857m	47.31	ug/l	
77) Bromobenzene	12.468	156	234115	47.59	ug/l	99
78) n-propylbenzene	12.535	91	1078156	51.83	ug/l	99
79) 2-Chlorotoluene	12.616	91	625843	49.53	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	773596	50.28	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	86345	43.41	ug/l	98
82) 4-Chlorotoluene	12.715	91	637567	51.09	ug/l	100
83) tert-Butylbenzene	12.935	119	643860	46.28	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	753824	50.62	ug/l	100
85) sec-Butylbenzene	13.115	105	867054	49.88	ug/l	100
86) p-Isopropyltoluene	13.233	119	777631	52.12	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	400929	47.50	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	408252	47.33	ug/l	98
89) n-Butylbenzene	13.557	91	662361	49.39	ug/l	99
90) Hexachloroethane	13.815	117	143727	46.11	ug/l	96
91) 1,2-Dichlorobenzene	13.598	146	390224	46.76	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.230	75	48968	37.73	ug/l	90
93) 1,2,4-Trichlorobenzene	14.979	180	224048	43.46	ug/l	98
94) Hexachlorobutadiene	15.105	225	126375	43.52	ug/l	99
95) Naphthalene	15.260	128	533458	36.19	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	204360	40.73	ug/l	100

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

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