

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
 Data File : VN066528.D
 Acq On : 8 Apr 2021 00:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 12:49:37 PM

Quant Time: Apr 08 02:01:38 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	7.584	168	374994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	578670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	535526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	256916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	247136	50.04	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.08%			
35) Dibromofluoromethane	7.507	113	193840	49.15	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.30%			
50) Toluene-d8	10.028	98	746317	49.80	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.60%			
62) 4-Bromofluorobenzene	12.345	95	245616	50.54	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	181565	42.84	ug/l	97
3) Chloromethane	2.017	50	226509	40.82	ug/l	100
4) Vinyl Chloride	2.143	62	257945	41.30	ug/l	98
5) Bromomethane	2.499	94	177525	39.04	ug/l	100
6) Chloroethane	2.642	64	171928	42.04	ug/l	100
7) Trichlorofluoromethane	2.955	101	349934	42.63	ug/l	100
8) Diethyl Ether	3.342	74	97949	43.66	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.679	101	148578	42.54	ug/l	98
10) Methyl Iodide	3.870	142	229960	45.12	ug/l	99
11) Tert butyl alcohol	4.688	59	158282	198.63	ug/l #	84
12) 1,1-Dichloroethene	3.658	96	148818	42.70	ug/l	96
13) Acrolein	3.527	56	70982	165.63	ug/l	98
14) Allyl chloride	4.229	41	263040	44.69	ug/l	97
15) Acrylonitrile	4.878	53	462183	204.63	ug/l	99
16) Acetone	3.736	43	368878	178.21	ug/l	96
17) Carbon Disulfide	3.969	76	447676	39.79	ug/l	98
18) Methyl Acetate	4.235	43	204669	39.53	ug/l	97
19) Methyl tert-butyl Ether	4.940	73	542594	44.28	ug/l	99
20) Methylene Chloride	4.457	84	184867	41.60	ug/l	93
21) trans-1,2-Dichloroethene	4.937	96	173108	42.89	ug/l	95
22) Diisopropyl ether	5.852	45	609320	45.74	ug/l	95
23) Vinyl Acetate	5.790	43	2687013	231.18	ug/l	100
24) 1,1-Dichloroethane	5.745	63	334778	44.25	ug/l	99
25) 2-Butanone	6.737	43	631720	203.42	ug/l	99
26) 2,2-Dichloropropane	6.723	77	251175	38.93	ug/l	98
27) cis-1,2-Dichloroethene	6.732	96	198786	42.96	ug/l	99
28) Bromochloromethane	7.104	49	177206	45.23	ug/l	97
29) Tetrahydrofuran	7.118	42	435765	209.12	ug/l	98
30) Chloroform	7.284	83	343622	45.06	ug/l	100
31) Cyclohexane	7.571	56	290425	42.76	ug/l	99
32) 1,1,1-Trichloroethane	7.485	97	295236	44.74	ug/l	99
36) 1,1-Dichloropropene	7.710	75	242198	43.08	ug/l	99
37) Ethyl Acetate	6.831	43	279131	40.11	ug/l	99
38) Carbon Tetrachloride	7.692	117	251957	44.22	ug/l	97
39) Methylcyclohexane	9.014	83	283959	44.14	ug/l	99
40) Benzene	7.965	78	788981	44.81	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.094	41	139611m	41.49	ug/l	
42) 1,2-Dichloroethane	8.046	62	271813	44.18	ug/l	100
43) Isopropyl Acetate	8.089	43	464533	43.11	ug/l	99
44) Trichloroethene	8.767	130	183853	40.54	ug/l	99
45) 1,2-Dichloropropane	9.049	63	212110	45.24	ug/l	98
46) Dibromomethane	9.140	93	135537	44.31	ug/l	98
47) Bromodichloromethane	9.336	83	279690	44.58	ug/l	98
48) Methyl methacrylate	9.132	41	207347	43.34	ug/l	96
49) 1,4-Dioxane	9.135	88	57708	889.09	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	1420293	221.88	ug/l	99
52) Toluene	10.092	92	487388	45.67	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	296554	45.34	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	317652	44.27	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	195292	44.52	ug/l	97
56) Ethyl methacrylate	10.368	69	285714	40.94	ug/l	97
57) 1,3-Dichloropropane	10.647	76	326965	45.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	254350	283.14	ug/l	98
59) 2-Hexanone	10.693	43	974648	193.00	ug/l	99
60) Dibromochloromethane	10.840	129	216884	44.67	ug/l	98
61) 1,2-Dibromoethane	10.945	107	203515	44.87	ug/l	98
64) Tetrachloroethene	10.572	164	169515	37.68	ug/l	99
65) Chlorobenzene	11.374	112	508167	45.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.452	131	195568	46.22	ug/l	99
67) Ethyl Benzene	11.454	91	918663	47.80	ug/l	99
68) m/p-Xylenes	11.564	106	695777	97.11	ug/l	99
69) o-Xylene	11.892	106	334879	48.06	ug/l	99
70) Styrene	11.908	104	556526	43.81	ug/l	99
71) Bromoform	12.071	173	160443	47.01	ug/l #	99
73) Isopropylbenzene	12.192	105	892959	47.87	ug/l	100
74) N-amyl acetate	12.018	43	272631	44.95	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.449	83	294611	42.40	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	287312m	49.57	ug/l	
77) Bromobenzene	12.468	156	223048	45.12	ug/l	99
78) n-propylbenzene	12.535	91	1022611	48.92	ug/l	99
79) 2-Chlorotoluene	12.618	91	603922	47.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	752802	48.70	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.246	75	88176	44.03	ug/l	95
82) 4-Chlorotoluene	12.718	91	608869	48.56	ug/l	99
83) tert-Butylbenzene	12.938	119	634310	45.38	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	734110	49.06	ug/l	100
85) sec-Butylbenzene	13.115	105	844356	48.34	ug/l	99
86) p-Isopropyltoluene	13.233	119	746737	49.81	ug/l	100
87) 1,3-Dichlorobenzene	13.227	146	383437	45.21	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	389929	45.04	ug/l	98
89) n-Butylbenzene	13.560	91	616466	45.75	ug/l	99
90) Hexachloroethane	13.815	117	139733	44.62	ug/l	100
91) 1,2-Dichlorobenzene	13.597	146	378495	45.14	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.230	75	49251	37.76	ug/l	95
93) 1,2,4-Trichlorobenzene	14.979	180	206765	40.10	ug/l	100
94) Hexachlorobutadiene	15.107	225	117598	40.30	ug/l	100
95) Naphthalene	15.263	128	506736	34.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	192155	38.22	ug/l	98

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

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