

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066463.D
 Acq On : 1 Apr 2021 18:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 4/5/2021 6:01:53 PM

Quant Time: Apr 02 04:54:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	484034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	718226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	647214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	320970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	259014	40.25	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.50%		
35) Dibromofluoromethane	7.507	113	220260	46.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.52%		
50) Toluene-d8	10.028	98	796151	44.08	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.16%#		
62) 4-Bromofluorobenzene	12.345	95	279103	44.49	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.98%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	249536	40.93	ug/l	100
3) Chloromethane	2.014	50	247034	38.09	ug/l	99
4) Vinyl Chloride	2.145	62	290175	41.59	ug/l	100
5) Bromomethane	2.507	94	217141	46.39	ug/l	100
6) Chloroethane	2.647	64	190500	43.80	ug/l	96
7) Trichlorofluoromethane	2.961	101	453855	47.30	ug/l	99
8) Diethyl Ether	3.341	74	177218	45.34	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.677	101	260138	48.02	ug/l	99
10) Methyl Iodide	3.867	142	384287	50.00	ug/l	99
11) Tert butyl alcohol	4.712	59	222809	227.05	ug/l #	84
12) 1,1-Dichloroethene	3.655	96	256302	46.20	ug/l	94
13) Acrolein	3.532	56	74546	130.38	ug/l	100
14) Allyl chloride	4.227	41	469015	42.75	ug/l	96
15) Acrylonitrile	4.878	53	579696	211.83	ug/l	99
16) Acetone	3.736	43	691982	199.05	ug/l	97
17) Carbon Disulfide	3.964	76	687548	41.98	ug/l	99
18) Methyl Acetate	4.235	43	434202	47.82	ug/l	96
19) Methyl tert-butyl Ether	4.940	73	712324	43.31	ug/l	98
20) Methylene Chloride	4.449	84	297741	48.86	ug/l	97
21) trans-1,2-Dichloroethene	4.927	96	217864	43.31	ug/l	92
22) Diisopropyl ether	5.857	45	675178	39.45	ug/l	98
23) Vinyl Acetate	5.795	43	2894848	198.66	ug/l	96
24) 1,1-Dichloroethane	5.742	63	390908	41.35	ug/l	99
25) 2-Butanone	6.745	43	775657	204.11	ug/l	94
26) 2,2-Dichloropropane	6.723	77	352936	41.90	ug/l	99
27) cis-1,2-Dichloroethene	6.726	96	257646	43.91	ug/l	94
28) Bromochloromethane	7.104	49	189005	39.68	ug/l	88
29) Tetrahydrofuran	7.126	42	521312	210.24	ug/l	95
30) Chloroform	7.284	83	411497	43.57	ug/l	99
31) Cyclohexane	7.566	56	340036	38.18	ug/l	97
32) 1,1,1-Trichloroethane	7.482	97	370947	44.70	ug/l	97
36) 1,1-Dichloropropene	7.708	75	297015	44.02	ug/l	98
37) Ethyl Acetate	6.839	43	326177	43.92	ug/l	99
38) Carbon Tetrachloride	7.689	117	315818	46.56	ug/l	96
39) Methylcyclohexane	9.008	83	362891	44.12	ug/l	95
40) Benzene	7.960	78	910297	44.67	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.077	41	149592	40.60	ug/l	95
42) 1,2-Dichloroethane	8.046	62	316662	43.38	ug/l	99
43) Isopropyl Acetate	8.091	43	539051	42.47	ug/l	97
44) Trichloroethene	8.764	130	254884	47.55	ug/l	95
45) 1,2-Dichloropropane	9.049	63	236804	43.62	ug/l	97
46) Dibromomethane	9.137	93	165267	46.43	ug/l	94
47) Bromodichloromethane	9.336	83	331519	45.11	ug/l	97
48) Methyl methacrylate	9.135	41	244555	40.49	ug/l	93
49) 1,4-Dioxane	9.137	88	72129	950.17	ug/l	92
51) 4-Methyl-2-Pentanone	9.920	43	1659301	223.67	ug/l	98
52) Toluene	10.092	92	574863	45.95	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	358856	44.95	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	384891	44.90	ug/l	93
55) 1,1,2-Trichloroethane	10.500	97	239510	47.62	ug/l	98
56) Ethyl methacrylate	10.371	69	349946	45.36	ug/l	92
57) 1,3-Dichloropropane	10.647	76	384572	46.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	184716	220.87	ug/l	94
59) 2-Hexanone	10.693	43	1178096	226.68	ug/l	96
60) Dibromochloromethane	10.843	129	272681	48.82	ug/l	99
61) 1,2-Dibromoethane	10.945	107	249428	47.57	ug/l	99
64) Tetrachloroethene	10.572	164	262758	47.70	ug/l	98
65) Chlorobenzene	11.374	112	612151	47.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	243005	48.91	ug/l	99
67) Ethyl Benzene	11.452	91	1085934	46.36	ug/l	97
68) m/p-Xylenes	11.562	106	831788	93.47	ug/l	97
69) o-Xylene	11.889	106	403811	47.03	ug/l	94
70) Styrene	11.905	104	663754	47.68	ug/l	98
71) Bromoform	12.069	173	209726	50.75	ug/l #	100
73) Isopropylbenzene	12.192	105	1060767	44.43	ug/l	99
74) N-amyl acetate	12.015	43	355886	38.68	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.447	83	335372	44.11	ug/l	97
76) 1,2,3-Trichloropropane	12.495	75	299239m	42.49	ug/l	
77) Bromobenzene	12.468	156	283710	47.06	ug/l	92
78) n-propylbenzene	12.535	91	1176570	45.33	ug/l	98
79) 2-Chlorotoluene	12.616	91	684039	42.85	ug/l	98
80) 1,3,5-Trimethylbenzene	12.677	105	859261	44.00	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	101241	43.23	ug/l	97
82) 4-Chlorotoluene	12.718	91	707163	44.52	ug/l	97
83) tert-Butylbenzene	12.938	119	752117	44.74	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	852929	44.95	ug/l	98
85) sec-Butylbenzene	13.115	105	992034	45.55	ug/l	99
86) p-Isopropyltoluene	13.233	119	896312	45.95	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	477937	47.25	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	479742	45.67	ug/l	99
89) n-Butylbenzene	13.560	91	744647	46.21	ug/l	99
90) Hexachloroethane	13.815	117	156905	44.60	ug/l	95
91) 1,2-Dichlorobenzene	13.597	146	473234	47.58	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.228	75	69451	47.64	ug/l	94
93) 1,2,4-Trichlorobenzene	14.979	180	309641	50.21	ug/l	99
94) Hexachlorobutadiene	15.107	225	160647	47.75	ug/l	99
95) Naphthalene	15.260	128	852763	47.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	293792	47.39	ug/l	99

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

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