

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066448.D
 Acq On : 1 Apr 2021 11:41
 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

SAM
 4/5/2021 6:03:26 PM

Quant Time: Apr 02 04:47:42 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	7.579	168	381416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	585015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	543837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.284	152	282599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	238872	47.11	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.22%		
35) Dibromofluoromethane	7.501	113	186450	48.08	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.16%		
50) Toluene-d8	10.025	98	695259	47.26	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.52%		
62) 4-Bromofluorobenzene	12.342	95	246997	48.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.68%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	247150	51.44	ug/l	100
3) Chloromethane	2.017	50	267920	52.81	ug/l	100
4) Vinyl Chloride	2.143	62	292582	53.22	ug/l	99
5) Bromomethane	2.513	94	199534	54.10	ug/l	97
6) Chloroethane	2.650	64	183207	53.45	ug/l	99
7) Trichlorofluoromethane	2.961	101	390842	51.69	ug/l	100
8) Diethyl Ether	3.339	74	160978	52.27	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.677	101	224408	52.57	ug/l	96
10) Methyl Iodide	3.865	142	262313	43.31	ug/l	98
11) Tert butyl alcohol	4.701	59	205117	265.26	ug/l #	83
12) 1,1-Dichloroethene	3.656	96	217427	49.74	ug/l	97
13) Acrolein	3.527	56	78701	188.88	ug/l	96
14) Allyl chloride	4.221	41	479350	55.45	ug/l	97
15) Acrylonitrile	4.876	53	577355	267.73	ug/l	100
16) Acetone	3.733	43	769406	280.86	ug/l	98
17) Carbon Disulfide	3.961	76	644086	49.90	ug/l	100
18) Methyl Acetate	4.229	43	444399	62.11	ug/l	99
19) Methyl tert-butyl Ether	4.937	73	624233	48.17	ug/l	99
20) Methylene Chloride	4.447	84	265618	55.50	ug/l	96
21) trans-1,2-Dichloroethene	4.921	96	189855	47.90	ug/l	98
22) Diisopropyl ether	5.852	45	696514	51.64	ug/l	99
23) Vinyl Acetate	5.790	43	2987901	260.21	ug/l	99
24) 1,1-Dichloroethane	5.739	63	376553	50.55	ug/l	98
25) 2-Butanone	6.740	43	823767	275.09	ug/l	99
26) 2,2-Dichloropropane	6.721	77	319125	48.07	ug/l	100
27) cis-1,2-Dichloroethene	6.724	96	224369	48.52	ug/l	99
28) Bromochloromethane	7.099	49	185206	49.34	ug/l	97
29) Tetrahydrofuran	7.123	42	544503	278.68	ug/l	98
30) Chloroform	7.279	83	378089	50.80	ug/l	99
31) Cyclohexane	7.566	56	324837	46.29	ug/l	100
32) 1,1,1-Trichloroethane	7.480	97	318290	48.67	ug/l	100
36) 1,1-Dichloropropene	7.705	75	271781	49.45	ug/l	98
37) Ethyl Acetate	6.834	43	336124	55.57	ug/l	99
38) Carbon Tetrachloride	7.684	117	268909	48.67	ug/l	99
39) Methylcyclohexane	9.009	83	324325	48.41	ug/l	99
40) Benzene	7.957	78	846863	51.02	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.075	41	156614	52.18	ug/l	94
42) 1,2-Dichloroethane	8.043	62	303402	51.03	ug/l	99
43) Isopropyl Acetate	8.089	43	548743	53.08	ug/l	99
44) Trichloroethene	8.762	130	212064	48.57	ug/l	99
45) 1,2-Dichloropropane	9.046	63	232979	52.69	ug/l	98
46) Dibromomethane	9.137	93	149833	51.68	ug/l	99
47) Bromodichloromethane	9.333	83	307488	51.37	ug/l	98
48) Methyl methacrylate	9.132	41	253779	51.58	ug/l	97
49) 1,4-Dioxane	9.132	88	66131	1069.52	ug/l	99
51) 4-Methyl-2-Pentanone	9.918	43	1707521	282.58	ug/l	100
52) Toluene	10.090	92	526480	51.67	ug/l	99
53) t-1,3-Dichloropropene	10.318	75	337917	51.97	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	360153	51.58	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	217182	53.01	ug/l	99
56) Ethyl methacrylate	10.368	69	326375	51.94	ug/l	98
57) 1,3-Dichloropropane	10.642	76	358866	52.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.628	63	132729	197.86	ug/l	99
59) 2-Hexanone	10.690	43	1233991	291.50	ug/l	99
60) Dibromochloromethane	10.841	129	238856	52.51	ug/l	99
61) 1,2-Dibromoethane	10.945	107	221702	51.90	ug/l	100
64) Tetrachloroethene	10.570	164	207551	44.84	ug/l	99
65) Chlorobenzene	11.372	112	547710	50.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	208873	50.03	ug/l	98
67) Ethyl Benzene	11.452	91	989312	50.27	ug/l	99
68) m/p-Xylenes	11.562	106	744051	99.50	ug/l	99
69) o-Xylene	11.889	106	353982	49.06	ug/l	99
70) Styrene	11.905	104	607273	51.91	ug/l	98
71) Bromoform	12.069	173	177081	51.00	ug/l #	99
73) Isopropylbenzene	12.192	105	950681	45.23	ug/l	100
74) N-amyl acetate	12.015	43	372238	45.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	327939	48.99	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	319047m	51.45	ug/l	
77) Bromobenzene	12.466	156	245017	46.16	ug/l	98
78) n-propylbenzene	12.533	91	1110266	48.58	ug/l	99
79) 2-Chlorotoluene	12.616	91	640778	45.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.675	105	782589	45.52	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	103657	50.27	ug/l	99
82) 4-Chlorotoluene	12.715	91	665899	47.61	ug/l	100
83) tert-Butylbenzene	12.935	119	650906	43.98	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	769177	46.04	ug/l	100
85) sec-Butylbenzene	13.115	105	910814	47.49	ug/l	100
86) p-Isopropyltoluene	13.233	119	810689	47.21	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	429709	48.25	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	436669	47.21	ug/l	99
89) n-Butylbenzene	13.557	91	708959	49.97	ug/l	99
90) Hexachloroethane	13.815	117	145519	46.98	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	423175	48.32	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.228	75	64275	50.07	ug/l	97
93) 1,2,4-Trichlorobenzene	14.979	180	267117	49.19	ug/l	100
94) Hexachlorobutadiene	15.105	225	140789	47.53	ug/l	99
95) Naphthalene	15.260	128	744840	47.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.496	180	257734	47.22	ug/l	99

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

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