

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065928.D
 Acq On : 18 Feb 2021 5:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 2/18/2021 10:20:07 AM

Quant Time: Feb 18 06:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	139909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	247950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	231506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	106315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	97887	50.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.06%			
35) Dibromofluoromethane	7.550	113	75524	49.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.44%			
50) Toluene-d8	10.058	98	306272	48.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.24%			
62) 4-Bromofluorobenzene	12.370	95	112613	47.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.843	85	87494	47.77	ug/l	99
3) Chloromethane	2.049	50	110411	48.11	ug/l	100
4) Vinyl Chloride	2.177	62	110069	48.68	ug/l	97
5) Bromomethane	2.531	94	69409	50.11	ug/l	99
6) Chloroethane	2.679	64	63643	49.89	ug/l	98
7) Trichlorofluoromethane	2.997	101	142480	50.61	ug/l	97
8) Diethyl Ether	3.386	74	51267	49.62	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.721	101	72925	48.97	ug/l	97
10) Methyl Iodide	3.910	142	115446	49.64	ug/l	96
11) Tert butyl alcohol	4.775	59	63548	233.59	ug/l #	89
12) 1,1-Dichloroethene	3.698	96	76286	48.55	ug/l	93
13) Acrolein	3.576	56	65963	264.95	ug/l	99
14) Allyl chloride	4.277	41	129517	48.28	ug/l	94
15) Acrylonitrile	4.946	53	194307	257.57	ug/l	99
16) Acetone	3.785	43	155766	253.46	ug/l	98
17) Carbon Disulfide	4.007	76	216181	48.30	ug/l	100
18) Methyl Acetate	4.293	43	82618	51.11	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	251302	49.71	ug/l	98
20) Methylene Chloride	4.505	84	89901	49.55	ug/l	98
21) trans-1,2-Dichloroethene	4.994	96	80225	48.58	ug/l	92
22) Diisopropyl ether	5.917	45	266156	49.60	ug/l	96
23) Vinyl Acetate	5.852	43	1083354	257.40	ug/l	99
24) 1,1-Dichloroethane	5.801	63	153928	49.65	ug/l	98
25) 2-Butanone	6.801	43	248382	256.47	ug/l	95
26) 2,2-Dichloropropane	6.779	77	101512	41.74	ug/l	100
27) cis-1,2-Dichloroethene	6.782	96	93866	49.90	ug/l	96
28) Bromochloromethane	7.151	49	68783	48.13	ug/l	90
29) Tetrahydrofuran	7.177	42	166874	250.28	ug/l	98
30) Chloroform	7.332	83	153753	50.20	ug/l	98
31) Cyclohexane	7.611	56	138547	47.49	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	130497	50.80	ug/l	99
36) 1,1-Dichloropropene	7.753	75	118929	48.64	ug/l	96
37) Ethyl Acetate	6.891	43	108131	48.98	ug/l	98
38) Carbon Tetrachloride	7.733	117	109087	48.01	ug/l	99
39) Methylcyclohexane	9.045	83	125955	45.85	ug/l	96
40) Benzene	8.004	78	358026	47.73	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	55472	51.90	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	122877	49.85	ug/l	100
43) Isopropyl Acetate	8.132	43	175878	49.98	ug/l #	92
44) Trichloroethene	8.801	130	93520	50.41	ug/l	97
45) 1,2-Dichloropropane	9.084	63	95511	49.72	ug/l	99
46) Dibromomethane	9.174	93	58489	49.98	ug/l	93
47) Bromodichloromethane	9.370	83	120226	50.47	ug/l	100
48) Methyl methacrylate	9.167	41	88328	49.54	ug/l	93
49) 1,4-Dioxane	9.171	88	30657	1009.25	ug/l	92
51) 4-Methyl-2-Pentanone	9.952	43	533189	249.04	ug/l	100
52) Toluene	10.122	92	224702	48.78	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	131385	44.80	ug/l	97
54) cis-1,3-Dichloropropene	9.807	75	144808	49.02	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	85184	49.41	ug/l	96
56) Ethyl methacrylate	10.399	69	130663	50.40	ug/l	96
57) 1,3-Dichloropropane	10.675	76	149968	49.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	312508	252.51	ug/l	98
59) 2-Hexanone	10.720	43	385420	252.73	ug/l	100
60) Dibromochloromethane	10.872	129	90612	51.42	ug/l	99
61) 1,2-Dibromoethane	10.974	107	89408	51.05	ug/l	98
64) Tetrachloroethene	10.598	164	87277	48.83	ug/l	95
65) Chlorobenzene	11.402	112	237500	49.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	84142	50.60	ug/l	99
67) Ethyl Benzene	11.479	91	428648	48.92	ug/l	98
68) m/p-Xylenes	11.592	106	322965	98.78	ug/l	96
69) o-Xylene	11.917	106	156918	49.77	ug/l	97
70) Styrene	11.933	104	263622	50.79	ug/l	97
71) Bromoform	12.097	173	57381	45.50	ug/l #	95
73) Isopropylbenzene	12.219	105	413363	47.64	ug/l	99
74) N-amyl acetate	12.039	43	155973	51.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	121534	47.47	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	116084m	45.45	ug/l	
77) Bromobenzene	12.495	156	94520	47.61	ug/l	83
78) n-propylbenzene	12.560	91	466751	47.30	ug/l	99
79) 2-Chlorotoluene	12.643	91	287384	46.47	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	355823	48.27	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	37727	47.08	ug/l	98
82) 4-Chlorotoluene	12.743	91	296402	47.46	ug/l	96
83) tert-Butylbenzene	12.965	119	295480	48.51	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	357528	48.32	ug/l	99
85) sec-Butylbenzene	13.142	105	373697	47.26	ug/l	100
86) p-Isopropyltoluene	13.257	119	339141	47.24	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	170441	48.50	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	166585	46.41	ug/l	96
89) n-Butylbenzene	13.585	91	279018	46.10	ug/l	99
90) Hexachloroethane	13.843	117	59020	48.56	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	170366	48.35	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	23365	46.37	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	84220	44.57	ug/l	98
94) Hexachlorobutadiene	14.978	225	38038	46.51	ug/l	99
95) Naphthalene	15.100	128	270096	44.18	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	84734	44.86	ug/l	99

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

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