

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065899.D
 Acq On : 17 Feb 2021 14:32
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

SAM
 2/18/2021 10:19:41 AM

Quant Time: Feb 17 15:02:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 14:59:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	150179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	264462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	246632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	114533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	104573	50.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.62%			
35) Dibromofluoromethane	7.550	113	80141	50.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.64%			
50) Toluene-d8	10.058	98	327823	50.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.60%			
62) 4-Bromofluorobenzene	12.370	95	122847	52.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.843	85	98952	51.29	ug/l	98
3) Chloromethane	2.049	50	128090	53.32	ug/l	100
4) Vinyl Chloride	2.174	62	124892	53.89	ug/l	99
5) Bromomethane	2.531	94	76726	48.37	ug/l	95
6) Chloroethane	2.679	64	69616	52.02	ug/l	97
7) Trichlorofluoromethane	2.997	101	154786	51.55	ug/l	99
8) Diethyl Ether	3.383	74	56265	51.78	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.721	101	81221	51.71	ug/l	97
10) Methyl Iodide	3.910	142	127951	53.14	ug/l	97
11) Tert butyl alcohol	4.775	59	74346	366.96	ug/l #	90
12) 1,1-Dichloroethene	3.698	96	84288	50.20	ug/l	91
13) Acrolein	3.576	56	60870	244.33	ug/l	99
14) Allyl chloride	4.277	41	147673	52.06	ug/l	94
15) Acrylonitrile	4.946	53	217069	351.94	ug/l	99
16) Acetone	3.788	43	167604	214.19	ug/l	98
17) Carbon Disulfide	4.007	76	239775	51.28	ug/l	99
18) Methyl Acetate	4.293	43	88087	51.08	ug/l	100
19) Methyl tert-butyl Ether	5.007	73	275887	51.59	ug/l	98
20) Methylene Chloride	4.505	84	96497	48.95	ug/l	99
21) trans-1,2-Dichloroethene	4.991	96	90073	60.20	ug/l	92
22) Diisopropyl ether	5.914	45	296085	52.22	ug/l	97
23) Vinyl Acetate	5.853	43	1216170	285.66	ug/l	99
24) 1,1-Dichloroethane	5.801	63	168806	51.37	ug/l	99
25) 2-Butanone	6.798	43	273947	276.31	ug/l	96
26) 2,2-Dichloropropane	6.779	77	136704	63.35	ug/l	97
27) cis-1,2-Dichloroethene	6.782	96	104762	64.65	ug/l	93
28) Bromochloromethane	7.152	49	74426	59.56	ug/l	91
29) Tetrahydrofuran	7.174	42	186765	267.74	ug/l	98
30) Chloroform	7.332	83	166217	51.49	ug/l	99
31) Cyclohexane	7.611	56	154110	37.92	ug/l	95
32) 1,1,1-Trichloroethane	7.528	97	141037	52.44	ug/l	98
36) 1,1-Dichloropropene	7.753	75	128953	50.44	ug/l	98
37) Ethyl Acetate	6.891	43	121339	52.51	ug/l	99
38) Carbon Tetrachloride	7.734	117	121125	51.07	ug/l	99
39) Methylcyclohexane	9.042	83	143195	49.22	ug/l	96
40) Benzene	8.000	78	398481	50.11	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	59032	63.85	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	133175	52.27	ug/l	99
43) Isopropyl Acetate	8.132	43	195444	55.37	ug/l #	92
44) Trichloroethene	8.798	130	99223	51.88	ug/l	95
45) 1,2-Dichloropropane	9.084	63	105054	52.72	ug/l	99
46) Dibromomethane	9.174	93	64731	54.07	ug/l	93
47) Bromodichloromethane	9.370	83	133804	55.77	ug/l	100
48) Methyl methacrylate	9.168	41	99698	54.58	ug/l	92
49) 1,4-Dioxane	9.168	88	33085	1245.02	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	598605	276.63	ug/l	99
52) Toluene	10.122	92	251127	52.59	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	150159	60.36	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	163431	56.39	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	93512	53.32	ug/l	98
56) Ethyl methacrylate	10.399	69	147822	59.13	ug/l	97
57) 1,3-Dichloropropane	10.676	76	166216	53.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	339195	283.12	ug/l	97
59) 2-Hexanone	10.721	43	430934	290.47	ug/l	99
60) Dibromochloromethane	10.872	129	101166	59.17	ug/l	100
61) 1,2-Dibromoethane	10.975	107	97329	55.88	ug/l	100
64) Tetrachloroethene	10.598	164	94256	48.17	ug/l	96
65) Chlorobenzene	11.402	112	260447	51.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	92969	55.08	ug/l	100
67) Ethyl Benzene	11.479	91	474550	52.32	ug/l	99
68) m/p-Xylenes	11.592	106	356703	106.64	ug/l	96
69) o-Xylene	11.917	106	174742	54.13	ug/l	97
70) Styrene	11.933	104	292856	57.57	ug/l	97
71) Bromoform	12.097	173	64248	60.15	ug/l #	99
73) Isopropylbenzene	12.219	105	456651	47.22	ug/l	99
74) N-amyl acetate	12.042	43	174585	59.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.473	83	134637	47.24	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	133170m	39.11	ug/l	
77) Bromobenzene	12.495	156	106143	49.28	ug/l	85
78) n-propylbenzene	12.560	91	524487	48.65	ug/l	99
79) 2-Chlorotoluene	12.643	91	319905	46.32	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	389915	48.52	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	44430	66.97	ug/l	99
82) 4-Chlorotoluene	12.743	91	332855	49.13	ug/l	96
83) tert-Butylbenzene	12.965	119	321963	48.43	ug/l	100
84) 1,2,4-Trimethylbenzene	13.010	105	396498	49.49	ug/l	100
85) sec-Butylbenzene	13.142	105	418726	49.05	ug/l	99
86) p-Isopropyltoluene	13.257	119	386380	50.16	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	190743	51.31	ug/l	96
88) 1,4-Dichlorobenzene	13.335	146	189055	50.52	ug/l	97
89) n-Butylbenzene	13.585	91	326907	51.69	ug/l	99
90) Hexachloroethane	13.843	117	64605	50.03	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	190425	50.72	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	27595	67.36	ug/l	88
93) 1,2,4-Trichlorobenzene	14.878	180	100088	76.89	ug/l	99
94) Hexachlorobutadiene	14.978	225	45111	50.37	ug/l	98
95) Naphthalene	15.097	128	317008	72.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.277	180	100658	66.37	ug/l	99

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

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