

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065974.D
 Acq On : 22 Feb 2021 20:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 11:49:33 AM

Quant Time: Feb 23 00:14:14 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	7.631	168	122665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	213858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	197564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	90148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	88073	51.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.68%			
35) Dibromofluoromethane	7.553	113	65803	49.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.44%			
50) Toluene-d8	10.058	98	263786	48.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.10%			
62) 4-Bromofluorobenzene	12.373	95	100954	49.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.00%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	73734	45.91	ug/l	97
3) Chloromethane	2.055	50	87777	43.62	ug/l	97
4) Vinyl Chloride	2.184	62	88086	44.44	ug/l	99
5) Bromomethane	2.541	94	56059	46.16	ug/l	99
6) Chloroethane	2.689	64	48870	43.70	ug/l	97
7) Trichlorofluoromethane	3.004	101	120637	48.87	ug/l	99
8) Diethyl Ether	3.390	74	42754	47.20	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.737	101	59175	45.32	ug/l	98
10) Methyl Iodide	3.930	142	89850	44.07	ug/l	96
11) Tert butyl alcohol	4.750	59	68770	288.33	ug/l	99
12) 1,1-Dichloroethene	3.711	96	63194	45.87	ug/l	98
13) Acrolein	3.582	56	55197	252.88	ug/l	99
14) Allyl chloride	4.293	41	111259	47.31	ug/l	97
15) Acrylonitrile	4.943	53	161449	244.10	ug/l	98
16) Acetone	3.788	43	126730	235.09	ug/l	97
17) Carbon Disulfide	4.026	76	184101	46.92	ug/l	99
18) Methyl Acetate	4.293	43	68053	48.01	ug/l	96
19) Methyl tert-butyl Ether	5.007	73	226009	50.99	ug/l	98
20) Methylene Chloride	4.518	84	73423	46.16	ug/l	97
21) trans-1,2-Dichloroethene	5.004	96	67782	46.81	ug/l	91
22) Diisopropyl ether	5.914	45	214630	45.62	ug/l	96
23) Vinyl Acetate	5.852	43	902973	244.70	ug/l	99
24) 1,1-Dichloroethane	5.807	63	127721	46.99	ug/l	99
25) 2-Butanone	6.791	43	201422	237.21	ug/l	97
26) 2,2-Dichloropropane	6.782	77	108936	51.09	ug/l	97
27) cis-1,2-Dichloroethene	6.788	96	81694	49.53	ug/l	97
28) Bromochloromethane	7.158	49	54722	43.68	ug/l	97
29) Tetrahydrofuran	7.171	42	132058	225.90	ug/l	96
30) Chloroform	7.335	83	132854	49.47	ug/l	98
31) Cyclohexane	7.618	56	112340	43.92	ug/l	99
32) 1,1,1-Trichloroethane	7.531	97	120162	53.35	ug/l	99
36) 1,1-Dichloropropene	7.756	75	101110	47.95	ug/l	98
37) Ethyl Acetate	6.891	43	84512	44.38	ug/l	95
38) Carbon Tetrachloride	7.737	117	100311	51.18	ug/l	99
39) Methylcyclohexane	9.048	83	108889	45.95	ug/l	97
40) Benzene	8.007	78	302161	46.70	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	43928	47.66	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	106503	50.09	ug/l	98
43) Isopropyl Acetate	8.129	43	152850	50.37	ug/l	98
44) Trichloroethene	8.801	130	81239	50.77	ug/l	98
45) 1,2-Dichloropropane	9.084	63	78474	47.36	ug/l	100
46) Dibromomethane	9.174	93	50093	49.63	ug/l	95
47) Bromodichloromethane	9.370	83	108762	52.93	ug/l	100
48) Methyl methacrylate	9.164	41	73786	47.98	ug/l	97
49) 1,4-Dioxane	9.167	88	27769	1059.90	ug/l	96
51) 4-Methyl-2-Pentanone	9.952	43	428259	231.92	ug/l	98
52) Toluene	10.122	92	194087	48.85	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	127352	50.10	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	134431	52.76	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	75073	50.49	ug/l	99
56) Ethyl methacrylate	10.399	69	112379	50.26	ug/l	98
57) 1,3-Dichloropropane	10.675	76	126264	48.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	244822	229.35	ug/l	98
59) 2-Hexanone	10.720	43	304439	231.45	ug/l	98
60) Dibromochloromethane	10.872	129	79801	52.50	ug/l	99
61) 1,2-Dibromoethane	10.978	107	76209	50.45	ug/l	100
64) Tetrachloroethene	10.601	164	79134	51.88	ug/l	96
65) Chlorobenzene	11.405	112	205469	49.73	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.479	131	75704	53.35	ug/l	98
67) Ethyl Benzene	11.482	91	368570	49.29	ug/l	98
68) m/p-Xylenes	11.592	106	283555	101.62	ug/l	98
69) o-Xylene	11.920	106	136723	50.82	ug/l	96
70) Styrene	11.936	104	229602	51.84	ug/l	97
71) Bromoform	12.100	173	51762	47.96	ug/l #	99
73) Isopropylbenzene	12.222	105	359570	48.87	ug/l	99
74) N-amyl acetate	12.042	43	124345	48.72	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	97835	45.07	ug/l	96
76) 1,2,3-Trichloropropane	12.524	75	103818m	47.94	ug/l	
77) Bromobenzene	12.499	156	85709	50.91	ug/l	88
78) n-propylbenzene	12.563	91	402425	48.09	ug/l	99
79) 2-Chlorotoluene	12.646	91	246918	47.08	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	309917	49.58	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	36707	54.02	ug/l	96
82) 4-Chlorotoluene	12.746	91	259880	49.07	ug/l	96
83) tert-Butylbenzene	12.965	119	252314	48.86	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	309198	49.28	ug/l	100
85) sec-Butylbenzene	13.142	105	324591	48.41	ug/l	100
86) p-Isopropyltoluene	13.261	119	303288	49.82	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	149874	50.30	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	149420	49.09	ug/l	98
89) n-Butylbenzene	13.585	91	255024	49.69	ug/l	99
90) Hexachloroethane	13.846	117	41647	40.41	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	147038	49.21	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	23754	55.43	ug/l	85
93) 1,2,4-Trichlorobenzene	14.878	180	86319	53.36	ug/l	99
94) Hexachlorobutadiene	14.978	225	33979	49.00	ug/l	98
95) Naphthalene	15.100	128	289353	55.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	86295	53.44	ug/l	99

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

