

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065727.D
 Acq On : 4 Feb 2021 19:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/5/2021 10:49:22 AM

Quant Time: Feb 05 02:21:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	144356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	258080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	235881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	104169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	84572	44.53	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.06%		
35) Dibromofluoromethane	7.550	113	74835	48.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.86%		
50) Toluene-d8	10.058	98	286288	47.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.24%		
62) 4-Bromofluorobenzene	12.373	95	108945	50.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.66%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	79069	48.90	ug/l	98
3) Chloromethane	2.039	50	119116	50.13	ug/l	99
4) Vinyl Chloride	2.168	62	118951	49.43	ug/l	100
5) Bromomethane	2.525	94	67479	48.45	ug/l	96
6) Chloroethane	2.669	64	68711	49.36	ug/l	100
7) Trichlorofluoromethane	2.988	101	122145	48.56	ug/l	100
8) Diethyl Ether	3.377	74	56963	47.50	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	75228	49.28	ug/l	96
10) Methyl Iodide	3.901	142	115093	51.43	ug/l	97
11) Tert butyl alcohol	4.763	59	74592	209.68	ug/l	100
12) 1,1-Dichloroethene	3.692	96	77935	44.35	ug/l	96
13) Acrolein	3.566	56	84284	272.41	ug/l	99
14) Allyl chloride	4.267	41	148718	45.65	ug/l	90
15) Acrylonitrile	4.936	53	228344	246.39	ug/l	99
16) Acetone	3.779	43	165025	223.21	ug/l	96
17) Carbon Disulfide	3.997	76	219985	39.76	ug/l	98
18) Methyl Acetate	4.283	43	103181	49.81	ug/l	97
19) Methyl tert-butyl Ether	4.997	73	272179	46.40	ug/l	97
20) Methylene Chloride	4.499	84	97387	47.57	ug/l	97
21) trans-1,2-Dichloroethene	4.981	96	84922	45.47	ug/l	94
22) Diisopropyl ether	5.907	45	312746	46.96	ug/l	93
23) Vinyl Acetate	5.846	43	1244076	233.88	ug/l	98
24) 1,1-Dichloroethane	5.795	63	172647	48.64	ug/l	99
25) 2-Butanone	6.795	43	282392	243.59	ug/l	95
26) 2,2-Dichloropropane	6.772	77	118958	41.87	ug/l	99
27) cis-1,2-Dichloroethene	6.779	96	102775	48.03	ug/l	95
28) Bromochloromethane	7.148	49	64369	43.16	ug/l	86
29) Tetrahydrofuran	7.174	42	195953	233.05	ug/l	96
30) Chloroform	7.328	83	157293	48.11	ug/l	100
31) Cyclohexane	7.608	56	152677	42.75	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	126767	47.63	ug/l	99
36) 1,1-Dichloropropene	7.750	75	123974	47.74	ug/l	98
37) Ethyl Acetate	6.888	43	121818	48.89	ug/l	98
38) Carbon Tetrachloride	7.730	117	102397	47.89	ug/l	99
39) Methylcyclohexane	9.042	83	142674	45.03	ug/l	96
40) Benzene	8.000	78	393876	49.66	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	61263	45.80	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	117980	49.34	ug/l	98
43) Isopropyl Acetate	8.129	43	204341	46.25	ug/l #	92
44) Trichloroethene	8.798	130	95229	49.49	ug/l	99
45) 1,2-Dichloropropane	9.084	63	109262	50.07	ug/l	99
46) Dibromomethane	9.174	93	61528	51.04	ug/l	93
47) Bromodichloromethane	9.367	83	124977	48.33	ug/l	99
48) Methyl methacrylate	9.164	41	100284	47.85	ug/l	91
49) 1,4-Dioxane	9.167	88	33765	995.59	ug/l	92
51) 4-Methyl-2-Pentanone	9.952	43	608471	249.83	ug/l	99
52) Toluene	10.122	92	238470	50.76	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	143118	47.52	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	165126	49.22	ug/l	95
55) 1,1,2-Trichloroethane	10.531	97	94488	52.73	ug/l	98
56) Ethyl methacrylate	10.399	69	149443	50.44	ug/l #	95
57) 1,3-Dichloropropane	10.675	76	165784	52.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	327819	239.53	ug/l	94
59) 2-Hexanone	10.720	43	435302	257.43	ug/l	98
60) Dibromochloromethane	10.872	129	93608	51.11	ug/l	99
61) 1,2-Dibromoethane	10.974	107	93130	52.15	ug/l	99
64) Tetrachloroethene	10.598	164	91969	46.53	ug/l	96
65) Chlorobenzene	11.402	112	251111	50.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	86731	49.72	ug/l	98
67) Ethyl Benzene	11.479	91	451133	48.67	ug/l	98
68) m/p-Xylenes	11.592	106	341544	101.77	ug/l	99
69) o-Xylene	11.917	106	166068	51.07	ug/l	100
70) Styrene	11.933	104	275691	51.51	ug/l	99
71) Bromoform	12.097	173	59192	49.09	ug/l #	98
73) Isopropylbenzene	12.219	105	430050	47.15	ug/l	100
74) N-amyl acetate	12.042	43	183609	47.59	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	131492	48.81	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	126667m	46.50	ug/l	
77) Bromobenzene	12.495	156	98920	50.09	ug/l	81
78) n-propylbenzene	12.560	91	489707	45.56	ug/l	99
79) 2-Chlorotoluene	12.643	91	296513	46.45	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	359412	46.28	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	46043	43.29	ug/l	92
82) 4-Chlorotoluene	12.743	91	297981	45.72	ug/l	98
83) tert-Butylbenzene	12.965	119	300568	46.41	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	360227	46.51	ug/l	98
85) sec-Butylbenzene	13.142	105	398274	45.56	ug/l	98
86) p-Isopropyltoluene	13.261	119	355227	46.02	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	173961	49.41	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	169812	47.53	ug/l	98
89) n-Butylbenzene	13.585	91	303171	43.72	ug/l	98
90) Hexachloroethane	13.843	117	59403	43.98	ug/l	95
91) 1,2-Dichlorobenzene	13.624	146	172210	49.31	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	23880	44.67	ug/l	93
93) 1,2,4-Trichlorobenzene	14.878	180	88921	42.55	ug/l	99
94) Hexachlorobutadiene	14.978	225	37471	43.42	ug/l	99
95) Naphthalene	15.100	128	292877	43.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	88875	43.05	ug/l	99

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

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