

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065791.D
 Acq On : 10 Feb 2021 11:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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2/11/2021 1:17:39 PM

Quant Time: Feb 10 13:21:48 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	129423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	217047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	199436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	94909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	73052	42.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.80%			
35) Dibromofluoromethane	7.547	113	68853	53.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.06%			
50) Toluene-d8	10.055	98	258637	51.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.32%			
62) 4-Bromofluorobenzene	12.370	95	100779	55.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.70%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.837	85	84082	58.00	ug/l	99
3) Chloromethane	2.039	50	113773	53.40	ug/l	100
4) Vinyl Chloride	2.168	62	115207	53.40	ug/l	98
5) Bromomethane	2.528	94	74812	59.91	ug/l	98
6) Chloroethane	2.673	64	64330	51.55	ug/l	98
7) Trichlorofluoromethane	2.988	101	124654	55.27	ug/l	99
8) Diethyl Ether	3.377	74	53397	49.66	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.711	101	77293	56.47	ug/l	98
10) Methyl Iodide	3.901	142	119750	59.69	ug/l	97
11) Tert butyl alcohol	4.756	59	63738	199.85	ug/l	99
12) 1,1-Dichloroethene	3.692	96	80828	51.30	ug/l	97
13) Acrolein	3.563	56	59362	217.87	ug/l	98
14) Allyl chloride	4.267	41	129441	44.32	ug/l	91
15) Acrylonitrile	4.930	53	187205	225.31	ug/l	99
16) Acetone	3.775	43	221973	334.88	ug/l	97
17) Carbon Disulfide	3.997	76	229543	46.28	ug/l	99
18) Methyl Acetate	4.280	43	80082	43.12	ug/l	99
19) Methyl tert-butyl Ether	4.994	73	236866	45.04	ug/l	98
20) Methylene Chloride	4.492	84	89023	48.50	ug/l	98
21) trans-1,2-Dichloroethene	4.978	96	81856	48.89	ug/l	96
22) Diisopropyl ether	5.904	45	254191	42.58	ug/l	95
23) Vinyl Acetate	5.843	43	1025484	215.03	ug/l	99
24) 1,1-Dichloroethane	5.791	63	149094	46.85	ug/l	99
25) 2-Butanone	6.788	43	272402	262.09	ug/l	100
26) 2,2-Dichloropropane	6.769	77	117616	46.18	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	94723	49.37	ug/l	97
28) Bromochloromethane	7.145	49	54149	40.49	ug/l	95
29) Tetrahydrofuran	7.168	42	154667	205.17	ug/l	99
30) Chloroform	7.322	83	141788	48.37	ug/l	100
31) Cyclohexane	7.605	56	141428	44.17	ug/l	99
32) 1,1,1-Trichloroethane	7.525	97	117140	49.09	ug/l	99
36) 1,1-Dichloropropene	7.746	75	116785	53.47	ug/l	100
37) Ethyl Acetate	6.881	43	99378	47.43	ug/l	96
38) Carbon Tetrachloride	7.727	117	98624	54.85	ug/l	98
39) Methylcyclohexane	9.042	83	139708	52.43	ug/l	98
40) Benzene	7.997	78	357327	53.57	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	50012	44.45	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	105510	52.47	ug/l	97
43) Isopropyl Acetate	8.126	43	160090	43.09	ug/l	94
44) Trichloroethene	8.798	130	92974	57.45	ug/l	99
45) 1,2-Dichloropropane	9.081	63	93299	50.84	ug/l	99
46) Dibromomethane	9.171	93	55208	54.46	ug/l	98
47) Bromodichloromethane	9.367	83	110823	50.96	ug/l	100
48) Methyl methacrylate	9.164	41	79580	45.15	ug/l	94
49) 1,4-Dioxane	9.164	88	30140	1056.71	ug/l	96
51) 4-Methyl-2-Pentanone	9.949	43	487203	237.86	ug/l	98
52) Toluene	10.119	92	224420	56.80	ug/l	98
53) t-1,3-Dichloropropene	10.348	75	132133	52.17	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	148397	52.60	ug/l	94
55) 1,1,2-Trichloroethane	10.528	97	83038	55.10	ug/l	96
56) Ethyl methacrylate	10.396	69	126317	50.69	ug/l #	94
57) 1,3-Dichloropropane	10.672	76	144638	54.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	244567	212.49	ug/l	98
59) 2-Hexanone	10.721	43	381814	268.49	ug/l	96
60) Dibromochloromethane	10.868	129	86510	56.17	ug/l	99
61) 1,2-Dibromoethane	10.975	107	85845	57.15	ug/l	100
64) Tetrachloroethene	10.598	164	90505	54.15	ug/l	98
65) Chlorobenzene	11.402	112	237927	57.02	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.476	131	81030	54.94	ug/l	99
67) Ethyl Benzene	11.479	91	425507	54.29	ug/l	100
68) m/p-Xylenes	11.589	106	329802	116.23	ug/l	98
69) o-Xylene	11.917	106	156703	56.99	ug/l	99
70) Styrene	11.933	104	265380	58.64	ug/l	98
71) Bromoform	12.097	173	55960	54.89	ug/l #	98
73) Isopropylbenzene	12.219	105	414679	49.90	ug/l	100
74) N-amyl acetate	12.039	43	146838	41.77	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.473	83	115244	46.96	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	111491m	44.92	ug/l	
77) Bromobenzene	12.495	156	97724	54.31	ug/l	90
78) n-propylbenzene	12.560	91	473014	48.30	ug/l	99
79) 2-Chlorotoluene	12.643	91	281569	48.41	ug/l	98
80) 1,3,5-Trimethylbenzene	12.701	105	353516	49.96	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	41205	42.53	ug/l	91
82) 4-Chlorotoluene	12.743	91	289856	48.81	ug/l	98
83) tert-Butylbenzene	12.962	119	293254	49.70	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	352301	49.92	ug/l	97
85) sec-Butylbenzene	13.142	105	392568	49.29	ug/l	98
86) p-Isopropyltoluene	13.257	119	356765	50.73	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	177749	55.42	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	172984	53.14	ug/l	98
89) n-Butylbenzene	13.582	91	304120	48.13	ug/l	98
90) Hexachloroethane	13.843	117	58137	47.24	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	173141	54.41	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	21552	44.25	ug/l	95
93) 1,2,4-Trichlorobenzene	14.878	180	94885	49.26	ug/l	100
94) Hexachlorobutadiene	14.978	225	41929	53.28	ug/l	99
95) Naphthalene	15.100	128	285881	46.73	ug/l	100
96) 1,2,3-Trichlorobenzene	15.277	180	93521	49.28	ug/l	99

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

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