

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065617.D
 Acq On : 26 Jan 2021 20:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 11:13:23 AM

Quant Time: Jan 27 03:33:50 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	7.624	168	163789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	302274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	268088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	112818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	104043	48.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.56%		
35) Dibromofluoromethane	7.550	113	84986	47.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.90%		
50) Toluene-d8	10.058	98	329801	46.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.68%		
62) 4-Bromofluorobenzene	12.373	95	123414	48.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.34%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	83917	45.74	ug/l	97
3) Chloromethane	2.036	50	122749	45.53	ug/l	99
4) Vinyl Chloride	2.168	62	125628	46.02	ug/l	100
5) Bromomethane	2.534	94	76658	48.51	ug/l	98
6) Chloroethane	2.676	64	75825	48.01	ug/l	100
7) Trichlorofluoromethane	2.991	101	140615	49.27	ug/l	99
8) Diethyl Ether	3.380	74	67560	49.65	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.717	101	85672	49.46	ug/l	94
10) Methyl Iodide	3.907	142	128561	50.64	ug/l	97
11) Tert butyl alcohol	4.766	59	97441	241.41	ug/l	99
12) 1,1-Dichloroethene	3.695	96	94280	47.28	ug/l	96
13) Acrolein	3.570	56	83271	239.54	ug/l	98
14) Allyl chloride	4.274	41	185340	50.14	ug/l	93
15) Acrylonitrile	4.936	53	267052	253.97	ug/l	99
16) Acetone	3.782	43	194819	232.24	ug/l	99
17) Carbon Disulfide	4.004	76	279320	44.50	ug/l	99
18) Methyl Acetate	4.283	43	115334	49.07	ug/l	98
19) Methyl tert-butyl Ether	4.997	73	333738	50.14	ug/l	97
20) Methylene Chloride	4.502	84	111323	47.92	ug/l	97
21) trans-1,2-Dichloroethene	4.984	96	103119	48.66	ug/l	90
22) Diisopropyl ether	5.910	45	378531	50.10	ug/l	94
23) Vinyl Acetate	5.846	43	1534531	254.25	ug/l	97
24) 1,1-Dichloroethane	5.798	63	204648	50.82	ug/l	97
25) 2-Butanone	6.795	43	334095	254.00	ug/l	95
26) 2,2-Dichloropropane	6.775	77	153535	47.63	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	120650	49.69	ug/l	93
28) Bromochloromethane	7.148	49	78476	46.37	ug/l	82
29) Tetrahydrofuran	7.174	42	227058	238.00	ug/l	96
30) Chloroform	7.328	83	188087	50.70	ug/l	99
31) Cyclohexane	7.611	56	183975	45.40	ug/l	95
32) 1,1,1-Trichloroethane	7.528	97	151746	50.25	ug/l	98
36) 1,1-Dichloropropene	7.749	75	149321	49.09	ug/l	97
37) Ethyl Acetate	6.888	43	148660	50.94	ug/l	98
38) Carbon Tetrachloride	7.733	117	123480	49.31	ug/l	99
39) Methylcyclohexane	9.045	83	169099	45.56	ug/l	96
40) Benzene	8.000	78	458961	49.41	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	71482	45.62	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	146103	52.17	ug/l	99
43) Isopropyl Acetate	8.129	43	249018	48.12	ug/l #	92
44) Trichloroethene	8.798	130	110448	49.01	ug/l	93
45) 1,2-Dichloropropane	9.084	63	127329	49.82	ug/l	100
46) Dibromomethane	9.174	93	71375	50.55	ug/l	91
47) Bromodichloromethane	9.367	83	149922	49.50	ug/l	99
48) Methyl methacrylate	9.167	41	122690	49.98	ug/l	90
49) 1,4-Dioxane	9.171	88	39115	984.71	ug/l	93
51) 4-Methyl-2-Pentanone	9.952	43	704850	247.09	ug/l	100
52) Toluene	10.122	92	275255	50.02	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	175496	49.75	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	194665	49.54	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	104787	49.93	ug/l	96
56) Ethyl methacrylate	10.399	69	175136	50.47	ug/l	94
57) 1,3-Dichloropropane	10.675	76	188221	50.95	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	387212	241.57	ug/l	93
59) 2-Hexanone	10.720	43	501605	253.27	ug/l	99
60) Dibromochloromethane	10.872	129	106449	49.63	ug/l	98
61) 1,2-Dibromoethane	10.974	107	106925	51.12	ug/l	99
64) Tetrachloroethene	10.598	164	104938	46.71	ug/l	95
65) Chlorobenzene	11.402	112	278202	49.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	97725	49.29	ug/l	99
67) Ethyl Benzene	11.479	91	518480	49.21	ug/l	98
68) m/p-Xylenes	11.592	106	377736	99.03	ug/l	96
69) o-Xylene	11.917	106	183224	49.57	ug/l	97
70) Styrene	11.933	104	309845	50.93	ug/l	98
71) Bromoform	12.097	173	67542	49.28	ug/l #	98
73) Isopropylbenzene	12.219	105	473585	47.94	ug/l	100
74) N-amyl acetate	12.042	43	246831	59.07	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.476	83	139221	47.72	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	139948m	47.44	ug/l	
77) Bromobenzene	12.495	156	105595	49.37	ug/l	78
78) n-propylbenzene	12.560	91	558713	48.00	ug/l	97
79) 2-Chlorotoluene	12.643	91	329423	47.65	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	399392	47.49	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	53698	46.62	ug/l	91
82) 4-Chlorotoluene	12.743	91	336339	47.65	ug/l	95
83) tert-Butylbenzene	12.965	119	327419	46.68	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	403365	48.09	ug/l	99
85) sec-Butylbenzene	13.142	105	443073	46.80	ug/l	98
86) p-Isopropyltoluene	13.261	119	402435	48.14	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	187731	49.24	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	187832	48.55	ug/l	98
89) n-Butylbenzene	13.585	91	361641	48.15	ug/l	98
90) Hexachloroethane	13.842	117	70548	48.23	ug/l	90
91) 1,2-Dichlorobenzene	13.624	146	186405	49.28	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	29423	50.82	ug/l	90
93) 1,2,4-Trichlorobenzene	14.878	180	107791	47.22	ug/l	100
94) Hexachlorobutadiene	14.977	225	41083	43.96	ug/l	99
95) Naphthalene	15.100	128	366871	50.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	107419	47.72	ug/l	100

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

