

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011921\
 Data File : VN065548.D
 Acq On : 19 Jan 2021 10:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/20/2021 5:41:37 PM

Quant Time: Jan 20 00:26:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 18:11:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	272602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	386824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	362061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	193805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	116600	46.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.62%		
35) Dibromofluoromethane	7.553	113	112256	48.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.20%		
50) Toluene-d8	10.058	98	414341	47.79	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.58%		
62) 4-Bromofluorobenzene	12.376	95	158600	48.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.50%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	103289	48.31	ug/l	99
3) Chloromethane	2.052	50	125055	46.15	ug/l	100
4) Vinyl Chloride	2.181	62	140829	47.65	ug/l	97
5) Bromomethane	2.541	94	106273	58.16	ug/l	98
6) Chloroethane	2.685	64	94285	49.69	ug/l	98
7) Trichlorofluoromethane	3.001	101	194734	49.59	ug/l	99
8) Diethyl Ether	3.386	74	80739	50.60	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.721	101	120374	51.69	ug/l	95
10) Methyl Iodide	3.914	142	187935	49.29	ug/l	91
11) Tert butyl alcohol	4.772	59	75756	235.87	ug/l #	85
12) 1,1-Dichloroethene	3.701	96	120525	48.77	ug/l	97
13) Acrolein	3.576	56	83794	219.49	ug/l	98
14) Allyl chloride	4.280	41	170225	51.93	ug/l	98
15) Acrylonitrile	4.946	53	259940	249.37	ug/l	99
16) Acetone	3.788	43	234707	286.66	ug/l	89
17) Carbon Disulfide	4.010	76	284486	46.60	ug/l	100
18) Methyl Acetate	4.290	43	112749	45.36	ug/l	97
19) Methyl tert-butyl Ether	5.007	73	361036	52.43	ug/l	99
20) Methylene Chloride	4.509	84	129165	47.03	ug/l	96
21) trans-1,2-Dichloroethene	4.991	96	122054	50.23	ug/l	96
22) Diisopropyl ether	5.914	45	360540	52.28	ug/l	97
23) Vinyl Acetate	5.853	43	1434293	261.85	ug/l	98
24) 1,1-Dichloroethane	5.801	63	216764	51.02	ug/l	99
25) 2-Butanone	6.798	43	337060	269.10	ug/l	93
26) 2,2-Dichloropropane	6.779	77	185429	53.32	ug/l	98
27) cis-1,2-Dichloroethene	6.785	96	145987	52.18	ug/l	94
28) Bromochloromethane	7.152	49	79862	45.68	ug/l	87
29) Tetrahydrofuran	7.177	42	210877	248.77	ug/l	94
30) Chloroform	7.332	83	222968	51.38	ug/l	99
31) Cyclohexane	7.615	56	184843	48.62	ug/l	99
32) 1,1,1-Trichloroethane	7.531	97	191554	51.61	ug/l	98
36) 1,1-Dichloropropene	7.753	75	168757	52.75	ug/l	97
37) Ethyl Acetate	6.891	43	137519	49.99	ug/l	98
38) Carbon Tetrachloride	7.734	117	168768	53.01	ug/l	99
39) Methylcyclohexane	9.045	83	205450	54.45	ug/l	97
40) Benzene	8.004	78	516514	51.86	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	67726	48.17	ug/l	91
42) 1,2-Dichloroethane	8.087	62	164380	51.92	ug/l	99
43) Isopropyl Acetate	8.132	43	229593	52.00	ug/l	97
44) Trichloroethene	8.801	130	155755	52.44	ug/l	92
45) 1,2-Dichloropropane	9.084	63	133940	52.58	ug/l	100
46) Dibromomethane	9.174	93	89086	51.76	ug/l	88
47) Bromodichloromethane	9.370	83	174816	53.64	ug/l	99
48) Methyl methacrylate	9.168	41	109925	50.24	ug/l	93
49) 1,4-Dioxane	9.171	88	31545	877.62	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	678130	254.07	ug/l	96
52) Toluene	10.122	92	335651	53.18	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	202714	54.86	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	222157	55.12	ug/l	95
55) 1,1,2-Trichloroethane	10.531	97	133076	52.55	ug/l	96
56) Ethyl methacrylate	10.399	69	187353	48.87	ug/l	94
57) 1,3-Dichloropropane	10.676	76	218576	52.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	381756	232.46	ug/l	97
59) 2-Hexanone	10.724	43	513412	267.82	ug/l	96
60) Dibromochloromethane	10.872	129	153733	54.93	ug/l	100
61) 1,2-Dibromoethane	10.978	107	141182	52.59	ug/l	100
64) Tetrachloroethene	10.602	164	175577	51.69	ug/l	94
65) Chlorobenzene	11.405	112	385349	52.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	145006	53.96	ug/l	100
67) Ethyl Benzene	11.483	91	649676	53.71	ug/l	98
68) m/p-Xylenes	11.592	106	520399	108.62	ug/l	95
69) o-Xylene	11.920	106	249148	53.94	ug/l	97
70) Styrene	11.936	104	423794	55.43	ug/l	98
71) Bromoform	12.100	173	121743	48.80	ug/l #	99
73) Isopropylbenzene	12.222	105	656513	52.60	ug/l	98
74) N-amyl acetate	12.045	43	208258	50.78	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.476	83	177755	48.28	ug/l	98
76) 1,2,3-Trichloropropane	12.528	75	183430m	52.26	ug/l	
77) Bromobenzene	12.499	156	186401	50.75	ug/l	86
78) n-propylbenzene	12.563	91	748985	53.75	ug/l	96
79) 2-Chlorotoluene	12.646	91	440911	51.35	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	570820	53.72	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.274	75	64770	53.64	ug/l	97
82) 4-Chlorotoluene	12.746	91	462216	52.50	ug/l	94
83) tert-Butylbenzene	12.968	119	493128	53.25	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	578289	54.17	ug/l	98
85) sec-Butylbenzene	13.145	105	647398	53.73	ug/l	97
86) p-Isopropyltoluene	13.264	119	617420	55.07	ug/l	97
87) 1,3-Dichlorobenzene	13.257	146	332262	53.41	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	330555	51.83	ug/l	97
89) n-Butylbenzene	13.589	91	515868	56.88	ug/l	97
90) Hexachloroethane	13.849	117	101899	55.50	ug/l	78
91) 1,2-Dichlorobenzene	13.627	146	321876	51.35	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	34182	48.01	ug/l	79
93) 1,2,4-Trichlorobenzene	14.881	180	208345	52.57	ug/l	98
94) Hexachlorobutadiene	14.981	225	115999	51.16	ug/l	100
95) Naphthalene	15.103	128	500204	49.73	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	196188	51.55	ug/l	98

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

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