

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065905.D
 Acq On : 17 Feb 2021 19:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 2/18/2021 10:19:55 AM

Quant Time: Feb 18 01:46:32 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	7.624	168	152617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	261466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	243287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	112605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	97997	45.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.84%		
35) Dibromofluoromethane	7.547	113	77889	48.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.26%		
50) Toluene-d8	10.055	98	323772	48.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.48%		
62) 4-Bromofluorobenzene	12.370	95	120013	48.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.26%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.843	85	97061	48.58	ug/l	98
3) Chloromethane	2.049	50	120554	48.15	ug/l	97
4) Vinyl Chloride	2.177	62	116743	47.34	ug/l	98
5) Bromomethane	2.531	94	76023	50.32	ug/l	94
6) Chloroethane	2.679	64	66111	47.51	ug/l	97
7) Trichlorofluoromethane	2.997	101	151702	49.40	ug/l	98
8) Diethyl Ether	3.383	74	55276	49.05	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.717	101	82545	50.82	ug/l	97
10) Methyl Iodide	3.910	142	121906	48.05	ug/l	97
11) Tert butyl alcohol	4.769	59	65944	222.22	ug/l	100
12) 1,1-Dichloroethene	3.698	96	83105	48.48	ug/l	95
13) Acrolein	3.573	56	66424	244.59	ug/l	99
14) Allyl chloride	4.274	41	140975	48.18	ug/l	94
15) Acrylonitrile	4.939	53	201722	245.14	ug/l	99
16) Acetone	3.785	43	156620	233.51	ug/l	99
17) Carbon Disulfide	4.007	76	238170	48.78	ug/l	99
18) Methyl Acetate	4.287	43	84033	47.65	ug/l	99
19) Methyl tert-butyl Ether	5.000	73	264881	48.03	ug/l	99
20) Methylene Chloride	4.502	84	94919	47.96	ug/l	100
21) trans-1,2-Dichloroethene	4.987	96	87451	48.54	ug/l	86
22) Diisopropyl ether	5.913	45	287182	49.07	ug/l	95
23) Vinyl Acetate	5.849	43	1151646	250.84	ug/l	99
24) 1,1-Dichloroethane	5.798	63	164612	48.67	ug/l	98
25) 2-Butanone	6.794	43	248194	234.93	ug/l	97
26) 2,2-Dichloropropane	6.775	77	126768	47.79	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	102143	49.77	ug/l	95
28) Bromochloromethane	7.148	49	74781	47.97	ug/l	90
29) Tetrahydrofuran	7.171	42	168251	231.33	ug/l	99
30) Chloroform	7.328	83	164926	49.36	ug/l	99
31) Cyclohexane	7.608	56	152872	48.04	ug/l	96
32) 1,1,1-Trichloroethane	7.524	97	137647	49.12	ug/l	99
36) 1,1-Dichloropropene	7.749	75	127861	49.59	ug/l	98
37) Ethyl Acetate	6.888	43	110830	47.60	ug/l	98
38) Carbon Tetrachloride	7.730	117	117505	49.04	ug/l	99
39) Methylcyclohexane	9.042	83	145316	50.16	ug/l	96
40) Benzene	8.000	78	385226	48.70	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	53435	47.41	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	128123	49.29	ug/l	99
43) Isopropyl Acetate	8.129	43	180262	48.58	ug/l #	92
44) Trichloroethene	8.798	130	96813	49.49	ug/l	98
45) 1,2-Dichloropropane	9.081	63	101869	50.29	ug/l	98
46) Dibromomethane	9.171	93	61874	50.14	ug/l	94
47) Bromodichloromethane	9.367	83	126920	50.52	ug/l	100
48) Methyl methacrylate	9.164	41	90666	48.23	ug/l	95
49) 1,4-Dioxane	9.167	88	31778	992.07	ug/l	95
51) 4-Methyl-2-Pentanone	9.949	43	545562	241.65	ug/l	100
52) Toluene	10.122	92	242927	50.01	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	144162	46.53	ug/l	100
54) cis-1,3-Dichloropropene	9.804	75	157347	50.51	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	91288	50.21	ug/l	98
56) Ethyl methacrylate	10.399	69	137543	50.31	ug/l	96
57) 1,3-Dichloropropane	10.675	76	158128	49.34	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	340841	261.17	ug/l	97
59) 2-Hexanone	10.720	43	388243	241.42	ug/l	100
60) Dibromochloromethane	10.871	129	95868	51.59	ug/l	99
61) 1,2-Dibromoethane	10.974	107	92440	50.05	ug/l	100
64) Tetrachloroethene	10.598	164	92864	49.44	ug/l	93
65) Chlorobenzene	11.402	112	258290	50.77	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.476	131	88933	50.89	ug/l	99
67) Ethyl Benzene	11.479	91	468955	50.93	ug/l	98
68) m/p-Xylenes	11.589	106	351118	102.19	ug/l	97
69) o-Xylene	11.916	106	169990	51.31	ug/l	98
70) Styrene	11.933	104	285131	52.28	ug/l	97
71) Bromoform	12.097	173	61154	46.11	ug/l #	100
73) Isopropylbenzene	12.219	105	450122	48.98	ug/l	99
74) N-amyl acetate	12.039	43	161235	50.57	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	125114	46.14	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	129513m	47.88	ug/l	
77) Bromobenzene	12.495	156	103490	49.21	ug/l	85
78) n-propylbenzene	12.560	91	512433	49.03	ug/l	99
79) 2-Chlorotoluene	12.643	91	314338	47.99	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	386023	49.44	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	40950	48.24	ug/l	99
82) 4-Chlorotoluene	12.743	91	321354	48.58	ug/l	96
83) tert-Butylbenzene	12.961	119	314363	48.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	390730	49.85	ug/l	100
85) sec-Butylbenzene	13.141	105	416594	49.74	ug/l	98
86) p-Isopropyltoluene	13.257	119	381534	50.18	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	183989	49.43	ug/l	97
88) 1,4-Dichlorobenzene	13.331	146	182703	48.06	ug/l	97
89) n-Butylbenzene	13.582	91	321737	50.18	ug/l	98
90) Hexachloroethane	13.842	117	63319	49.18	ug/l	96
91) 1,2-Dichlorobenzene	13.621	146	181150	48.54	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	24657	46.20	ug/l	87
93) 1,2,4-Trichlorobenzene	14.875	180	94359	47.01	ug/l	99
94) Hexachlorobutadiene	14.977	225	43458	50.17	ug/l	98
95) Naphthalene	15.096	128	288492	44.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.276	180	91979	45.92	ug/l	98

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

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