

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011221\
 Data File : VN065485.D
 Acq On : 12 Jan 2021 10:01
 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
 1/13/2021 4:39:13 PM

Quant Time: Jan 12 23:56:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	268718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	379943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	355357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	179079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	129762	42.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.54%			
35) Dibromofluoromethane	7.550	113	119845	52.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.56%			
50) Toluene-d8	10.058	98	445542	51.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.72%			
62) 4-Bromofluorobenzene	12.373	95	162837	48.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.28%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	106332	42.77	ug/l	100
3) Chloromethane	2.052	50	130438	46.09	ug/l	100
4) Vinyl Chloride	2.181	62	144568	49.11	ug/l	98
5) Bromomethane	2.528	94	101170	48.35	ug/l	100
6) Chloroethane	2.679	64	95667	50.28	ug/l	100
7) Trichlorofluoromethane	2.997	101	202778	46.04	ug/l	98
8) Diethyl Ether	3.386	74	83048	47.89	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.721	101	122823	49.72	ug/l	96
10) Methyl Iodide	3.910	142	188356	50.47	ug/l	93
11) Tert butyl alcohol	4.775	59	95296	191.98	ug/l	99
12) 1,1-Dichloroethene	3.698	96	121803	46.15	ug/l	98
13) Acrolein	3.576	56	68403	204.20	ug/l	99
14) Allyl chloride	4.277	41	184328	42.37	ug/l	98
15) Acrylonitrile	4.943	53	281146	234.38	ug/l	99
16) Acetone	3.785	43	331913	261.21	ug/l	92
17) Carbon Disulfide	4.007	76	268001	39.68	ug/l	100
18) Methyl Acetate	4.290	43	133341	48.95	ug/l	99
19) Methyl tert-butyl Ether	5.007	73	389173	46.43	ug/l	100
20) Methylene Chloride	4.505	84	134361	45.40	ug/l	99
21) trans-1,2-Dichloroethene	4.991	96	123945	47.83	ug/l	98
22) Diisopropyl ether	5.914	45	397603	45.91	ug/l	98
23) Vinyl Acetate	5.849	43	1561710	213.96	ug/l	99
24) 1,1-Dichloroethane	5.798	63	231167	48.66	ug/l	99
25) 2-Butanone	6.795	43	397149	233.20	ug/l	96
26) 2,2-Dichloropropane	6.779	77	199176	43.88	ug/l	100
27) cis-1,2-Dichloroethene	6.782	96	152577	50.59	ug/l	97
28) Bromochloromethane	7.152	49	86745	40.27	ug/l	90
29) Tetrahydrofuran	7.174	42	236217	214.49	ug/l	98
30) Chloroform	7.328	83	238995	48.87	ug/l	98
31) Cyclohexane	7.611	56	188483	42.08	ug/l	97
32) 1,1,1-Trichloroethane	7.528	97	202886	45.79	ug/l	99
36) 1,1-Dichloropropene	7.750	75	175361	50.76	ug/l	98
37) Ethyl Acetate	6.891	43	153790	44.91	ug/l	100
38) Carbon Tetrachloride	7.730	117	176301	48.59	ug/l	98
39) Methylcyclohexane	9.045	83	201876	48.63	ug/l	98
40) Benzene	8.000	78	540742	52.62	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	78815	44.23	ug/l	88
42) 1,2-Dichloroethane	8.087	62	181614	47.82	ug/l	99
43) Isopropyl Acetate	8.129	43	257457	43.62	ug/l	98
44) Trichloroethene	8.801	130	163097	54.98	ug/l	93
45) 1,2-Dichloropropane	9.084	63	144658	54.15	ug/l	100
46) Dibromomethane	9.174	93	95506	52.63	ug/l	88
47) Bromodichloromethane	9.370	83	191821	50.14	ug/l	99
48) Methyl methacrylate	9.168	41	129378	45.16	ug/l	97
49) 1,4-Dioxane	9.168	88	44759	963.98	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	766026	230.86	ug/l	98
52) Toluene	10.122	92	346677	53.52	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	213874	49.60	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	233842	51.04	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	140377	54.77	ug/l	97
56) Ethyl methacrylate	10.399	69	199096	50.15	ug/l	99
57) 1,3-Dichloropropane	10.676	76	231829	54.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	400745	232.09	ug/l	97
59) 2-Hexanone	10.724	43	581856	238.53	ug/l	98
60) Dibromochloromethane	10.872	129	163486	53.52	ug/l	98
61) 1,2-Dibromoethane	10.975	107	148461	53.96	ug/l	99
64) Tetrachloroethene	10.602	164	186022	53.90	ug/l	95
65) Chlorobenzene	11.402	112	396464	54.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	152758	54.27	ug/l	99
67) Ethyl Benzene	11.483	91	667034	51.18	ug/l	98
68) m/p-Xylenes	11.592	106	523808	106.68	ug/l	97
69) o-Xylene	11.920	106	252962	53.07	ug/l	98
70) Styrene	11.936	104	434979	54.69	ug/l	98
71) Bromoform	12.100	173	124194	51.25	ug/l #	99
73) Isopropylbenzene	12.222	105	670572	49.17	ug/l	98
74) N-amyl acetate	12.042	43	229966	42.35	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	183533	49.90	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	177944m	48.71	ug/l	
77) Bromobenzene	12.499	156	190064	53.32	ug/l	87
78) n-propylbenzene	12.563	91	752307	48.86	ug/l	96
79) 2-Chlorotoluene	12.646	91	447476	49.35	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	576958	49.61	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.274	75	65413	45.15	ug/l	95
82) 4-Chlorotoluene	12.746	91	465374	49.84	ug/l	95
83) tert-Butylbenzene	12.965	119	497929	50.25	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	576395	50.90	ug/l	98
85) sec-Butylbenzene	13.145	105	647193	49.23	ug/l	97
86) p-Isopropyltoluene	13.261	119	611096	50.70	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	325251	54.56	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	322671	53.92	ug/l	98
89) n-Butylbenzene	13.585	91	500261	48.56	ug/l	97
90) Hexachloroethane	13.846	117	99594	48.07	ug/l	78
91) 1,2-Dichlorobenzene	13.624	146	320106	55.91	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	34816	45.95	ug/l	85
93) 1,2,4-Trichlorobenzene	14.881	180	183835	51.75	ug/l	98
94) Hexachlorobutadiene	14.981	225	112444	49.76	ug/l	99
95) Naphthalene	15.103	128	426995	46.28	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	173520	52.60	ug/l	98

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

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