

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065483.D
 Acq On : 11 Jan 2021 21:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 9:18:23 AM

Quant Time: Jan 12 00:13:03 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	7.627	168	243613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	359566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	344980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	182776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	124134	45.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.28%			
35) Dibromofluoromethane	7.553	113	112014	51.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.28%			
50) Toluene-d8	10.061	98	421580	51.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.70%			
62) 4-Bromofluorobenzene	12.376	95	160968	50.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.10%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	94008	41.71	ug/l	98
3) Chloromethane	2.052	50	114874	44.78	ug/l	99
4) Vinyl Chloride	2.177	62	126365	47.35	ug/l	97
5) Bromomethane	2.512	94	71523	37.70	ug/l	98
6) Chloroethane	2.666	64	85635	49.64	ug/l	100
7) Trichlorofluoromethane	2.991	101	180607	45.23	ug/l	99
8) Diethyl Ether	3.386	74	75955	48.32	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.721	101	107691	48.09	ug/l	96
10) Methyl Iodide	3.910	142	173592	51.30	ug/l	93
11) Tert butyl alcohol	4.782	59	69424	154.27	ug/l	99
12) 1,1-Dichloroethene	3.698	96	107467	44.91	ug/l	99
13) Acrolein	3.576	56	56186	185.25	ug/l	100
14) Allyl chloride	4.277	41	161681	40.99	ug/l	99
15) Acrylonitrile	4.946	53	256822	236.17	ug/l	100
16) Acetone	3.791	43	199731	169.60	ug/l	92
17) Carbon Disulfide	4.007	76	234751	38.34	ug/l	100
18) Methyl Acetate	4.293	43	122774	49.72	ug/l	100
19) Methyl tert-butyl Ether	5.010	73	349866	46.04	ug/l	99
20) Methylene Chloride	4.505	84	120045	44.74	ug/l	99
21) trans-1,2-Dichloroethene	4.991	96	107942	45.95	ug/l	98
22) Diisopropyl ether	5.917	45	360150	45.87	ug/l	98
23) Vinyl Acetate	5.856	43	1425393	215.41	ug/l	99
24) 1,1-Dichloroethane	5.804	63	206452	47.94	ug/l	100
25) 2-Butanone	6.801	43	317085	205.37	ug/l	96
26) 2,2-Dichloropropane	6.782	77	153259	37.25	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	134643	49.25	ug/l	95
28) Bromochloromethane	7.154	49	83654	42.79	ug/l	92
29) Tetrahydrofuran	7.180	42	215285	215.63	ug/l	99
30) Chloroform	7.335	83	213198	48.09	ug/l	99
31) Cyclohexane	7.614	56	168056	41.38	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	179961	44.80	ug/l	100
36) 1,1-Dichloropropene	7.756	75	154482	47.25	ug/l	98
37) Ethyl Acetate	6.894	43	138494	42.74	ug/l	99
38) Carbon Tetrachloride	7.736	117	156436	45.56	ug/l	98
39) Methylcyclohexane	9.048	83	173053	44.05	ug/l	98
40) Benzene	8.007	78	480371	49.39	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.135	41	70245	41.66	ug/l	89
42) 1,2-Dichloroethane	8.090	62	164347	45.72	ug/l	100
43) Isopropyl Acetate	8.132	43	239275	42.84	ug/l	99
44) Trichloroethene	8.801	130	144523	51.48	ug/l	93
45) 1,2-Dichloropropane	9.087	63	129986	51.41	ug/l	98
46) Dibromomethane	9.177	93	85721	49.92	ug/l	89
47) Bromodichloromethane	9.370	83	172306	47.59	ug/l	100
48) Methyl methacrylate	9.170	41	120432	44.42	ug/l	99
49) 1,4-Dioxane	9.174	88	28064	638.67	ug/l	98
51) 4-Methyl-2-Pentanone	9.955	43	722110	229.95	ug/l	98
52) Toluene	10.125	92	316086	51.56	ug/l	99
53) t-1,3-Dichloropropene	10.354	75	189733	46.50	ug/l	99
54) cis-1,3-Dichloropropene	9.810	75	205623	47.42	ug/l	98
55) 1,1,2-Trichloroethane	10.534	97	128895	53.14	ug/l	97
56) Ethyl methacrylate	10.402	69	185931	49.49	ug/l	99
57) 1,3-Dichloropropane	10.678	76	212329	53.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	371202	227.17	ug/l	99
59) 2-Hexanone	10.723	43	524491	227.20	ug/l	99
60) Dibromochloromethane	10.875	129	147249	50.93	ug/l	98
61) 1,2-Dibromoethane	10.977	107	134957	51.83	ug/l	100
64) Tetrachloroethene	10.601	164	178833	53.38	ug/l	95
65) Chlorobenzene	11.405	112	361542	51.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.482	131	138051	50.52	ug/l	99
67) Ethyl Benzene	11.482	91	608502	48.09	ug/l	99
68) m/p-Xylenes	11.595	106	481155	100.94	ug/l	96
69) o-Xylene	11.920	106	235017	50.79	ug/l	98
70) Styrene	11.936	104	398725	51.64	ug/l	99
71) Bromoform	12.100	173	112610	47.87	ug/l #	99
73) Isopropylbenzene	12.222	105	615361	44.21	ug/l	98
74) N-amyl acetate	12.045	43	224486	40.50	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.479	83	179050	47.70	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	171890m	46.10	ug/l	
77) Bromobenzene	12.498	156	179131	49.24	ug/l	87
78) n-propylbenzene	12.566	91	682937	43.46	ug/l	97
79) 2-Chlorotoluene	12.646	91	415380	44.89	ug/l	95
80) 1,3,5-Trimethylbenzene	12.707	105	525657	44.28	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.276	75	57185	38.67	ug/l	92
82) 4-Chlorotoluene	12.746	91	430171	45.14	ug/l	96
83) tert-Butylbenzene	12.968	119	457920	45.28	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	526933	45.59	ug/l	98
85) sec-Butylbenzene	13.145	105	583192	43.46	ug/l	97
86) p-Isopropyltoluene	13.264	119	551479	44.83	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	304467	50.04	ug/l	98
88) 1,4-Dichlorobenzene	13.338	146	300543	49.21	ug/l	98
89) n-Butylbenzene	13.588	91	434554	41.33	ug/l	98
90) Hexachloroethane	13.849	117	89774	42.45	ug/l	79
91) 1,2-Dichlorobenzene	13.627	146	301432	51.59	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	32379	41.87	ug/l	85
93) 1,2,4-Trichlorobenzene	14.881	180	160190	44.59	ug/l	98
94) Hexachlorobutadiene	14.981	225	97813	42.41	ug/l	99
95) Naphthalene	15.103	128	395747	42.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	150870	45.28	ug/l	98

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

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