

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065415.D
 Acq On : 7 Jan 2021 9:56
 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
 1/8/2021 11:02:38 AM

Quant Time: Jan 08 01:13:44 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	326216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	471271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	437979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	220558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	157343	42.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.44%		
35) Dibromofluoromethane	7.550	113	141290	49.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.38%		
50) Toluene-d8	10.058	98	531128	49.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.68%		
62) 4-Bromofluorobenzene	12.373	95	196775	47.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.06%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.849	85	141692	46.94	ug/l	98
3) Chloromethane	2.052	50	173210	50.42	ug/l	99
4) Vinyl Chloride	2.180	62	188933	52.86	ug/l	97
5) Bromomethane	2.531	94	131764	51.87	ug/l	100
6) Chloroethane	2.682	64	123847	53.61	ug/l	99
7) Trichlorofluoromethane	3.000	101	256709	48.01	ug/l	98
8) Diethyl Ether	3.386	74	103033	48.94	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.724	101	151576	50.54	ug/l	98
10) Methyl Iodide	3.913	142	230204	50.81	ug/l	93
11) Tert butyl alcohol	4.769	59	117228	194.54	ug/l	99
12) 1,1-Dichloroethene	3.701	96	153499	47.91	ug/l	99
13) Acrolein	3.576	56	98137	240.89	ug/l	99
14) Allyl chloride	4.277	41	233684	44.24	ug/l	99
15) Acrylonitrile	4.946	53	354517	243.46	ug/l	99
16) Acetone	3.788	43	393874	255.09	ug/l	96
17) Carbon Disulfide	4.010	76	364017	44.40	ug/l	100
18) Methyl Acetate	4.290	43	161389	48.81	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	479342	47.10	ug/l	100
20) Methylene Chloride	4.508	84	169201	47.09	ug/l	100
21) trans-1,2-Dichloroethene	4.991	96	156555	49.77	ug/l	99
22) Diisopropyl ether	5.913	45	503651	47.90	ug/l	99
23) Vinyl Acetate	5.852	43	2019793	227.94	ug/l	100
24) 1,1-Dichloroethane	5.801	63	289313	50.16	ug/l	99
25) 2-Butanone	6.798	43	482792	233.52	ug/l	96
26) 2,2-Dichloropropane	6.775	77	250161	45.40	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	191258	52.24	ug/l	96
28) Bromochloromethane	7.151	49	114818	43.85	ug/l	94
29) Tetrahydrofuran	7.174	42	291070	217.71	ug/l	99
30) Chloroform	7.331	83	300817	50.67	ug/l	99
31) Cyclohexane	7.611	56	239558	44.05	ug/l	97
32) 1,1,1-Trichloroethane	7.527	97	254201	47.26	ug/l	100
36) 1,1-Dichloropropene	7.753	75	219443	51.21	ug/l	98
37) Ethyl Acetate	6.891	43	194934	45.90	ug/l	98
38) Carbon Tetrachloride	7.733	117	218202	48.48	ug/l	98
39) Methylcyclohexane	9.045	83	255154	49.56	ug/l	98
40) Benzene	8.003	78	682205	53.52	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	101219	45.80	ug/l	85
42) 1,2-Dichloroethane	8.087	62	227583	48.31	ug/l	100
43) Isopropyl Acetate	8.132	43	322716	44.08	ug/l	99
44) Trichloroethene	8.801	130	198924	54.06	ug/l	95
45) 1,2-Dichloropropane	9.084	63	180119	54.35	ug/l	99
46) Dibromomethane	9.174	93	115986	51.53	ug/l	91
47) Bromodichloromethane	9.370	83	238840	50.33	ug/l	100
48) Methyl methacrylate	9.167	41	155843	43.86	ug/l	97
49) 1,4-Dioxane	9.171	88	57942	1006.07	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	955436	232.14	ug/l	99
52) Toluene	10.122	92	437218	54.42	ug/l	100
53) t-1,3-Dichloropropene	10.351	75	267868	50.09	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	294583	51.84	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	172685	54.32	ug/l	97
56) Ethyl methacrylate	10.399	69	248728	50.51	ug/l	99
57) 1,3-Dichloropropane	10.675	76	284671	54.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.662	63	543934	253.97	ug/l	100
59) 2-Hexanone	10.723	43	719938	237.94	ug/l	100
60) Dibromochloromethane	10.871	129	196366	51.82	ug/l	99
61) 1,2-Dibromoethane	10.974	107	179911	52.72	ug/l	100
64) Tetrachloroethene	10.601	164	221771	52.14	ug/l	95
65) Chlorobenzene	11.402	112	490979	55.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	184217	53.10	ug/l	99
67) Ethyl Benzene	11.482	91	843027	52.48	ug/l	100
68) m/p-Xylenes	11.592	106	646211	106.78	ug/l	99
69) o-Xylene	11.920	106	315824	53.76	ug/l	99
70) Styrene	11.936	104	543708	55.47	ug/l	98
71) Bromoform	12.100	173	150162	50.28	ug/l #	100
73) Isopropylbenzene	12.222	105	819227	48.77	ug/l	100
74) N-amyl acetate	12.042	43	293251	43.84	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	225115	49.70	ug/l	99
76) 1,2,3-Trichloropropane	12.527	75	218152m	48.48	ug/l	
77) Bromobenzene	12.498	156	232405	52.94	ug/l	89
78) n-propylbenzene	12.563	91	934192	49.26	ug/l	99
79) 2-Chlorotoluene	12.646	91	555635	49.76	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	702694	49.05	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	79683	44.65	ug/l	92
82) 4-Chlorotoluene	12.746	91	579070	50.35	ug/l	97
83) tert-Butylbenzene	12.968	119	599979	49.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	709821	50.89	ug/l	100
85) sec-Butylbenzene	13.145	105	793970	49.04	ug/l	99
86) p-Isopropyltoluene	13.260	119	733761	49.43	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	394073	53.67	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	391745	53.15	ug/l	97
89) n-Butylbenzene	13.588	91	625365	49.29	ug/l	99
90) Hexachloroethane	13.846	117	122888	48.16	ug/l	83
91) 1,2-Dichlorobenzene	13.627	146	389617	55.26	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	42660	45.72	ug/l	89
93) 1,2,4-Trichlorobenzene	14.881	180	216591	49.62	ug/l	98
94) Hexachlorobutadiene	14.981	225	130303	46.82	ug/l	99
95) Naphthalene	15.103	128	528325	46.48	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	206164	50.85	ug/l	98

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

