

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065536.D
 Acq On : 15 Jan 2021 20:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:21:32 PM

Quant Time: Jan 15 23:45:42 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	7.631	168	230798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	340870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	323091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	177067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	118258	45.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.78%			
35) Dibromofluoromethane	7.553	113	109847	53.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.82%			
50) Toluene-d8	10.061	98	409489	53.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.26%			
62) 4-Bromofluorobenzene	12.376	95	154553	50.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.26%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	90480	42.37	ug/l	98
3) Chloromethane	2.052	50	117653	48.41	ug/l	99
4) Vinyl Chloride	2.181	62	131462	51.99	ug/l	98
5) Bromomethane	2.521	94	94709	52.70	ug/l	98
6) Chloroethane	2.676	64	90002	55.07	ug/l	100
7) Trichlorofluoromethane	2.994	101	186078	49.18	ug/l	98
8) Diethyl Ether	3.386	74	79759	53.55	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.721	101	112109	52.84	ug/l	95
10) Methyl Iodide	3.914	142	180670	56.36	ug/l	92
11) Tert butyl alcohol	4.779	59	84780	198.86	ug/l	100
12) 1,1-Dichloroethene	3.701	96	112856	49.79	ug/l	96
13) Acrolein	3.576	56	75677	262.34	ug/l	97
14) Allyl chloride	4.277	41	160674	43.00	ug/l	98
15) Acrylonitrile	4.949	53	278262	270.09	ug/l	99
16) Acetone	3.791	43	214179	193.45	ug/l	90
17) Carbon Disulfide	4.010	76	237127	40.88	ug/l	99
18) Methyl Acetate	4.293	43	127920	54.68	ug/l	99
19) Methyl tert-butyl Ether	5.010	73	358302	49.77	ug/l	100
20) Methylene Chloride	4.508	84	127026	49.97	ug/l	97
21) trans-1,2-Dichloroethene	4.991	96	113785	51.13	ug/l	97
22) Diisopropyl ether	5.920	45	359352	48.31	ug/l	98
23) Vinyl Acetate	5.856	43	1423516	227.07	ug/l	98
24) 1,1-Dichloroethane	5.804	63	210076	51.49	ug/l	100
25) 2-Butanone	6.801	43	333776	228.18	ug/l	93
26) 2,2-Dichloropropane	6.782	77	160742	41.24	ug/l	98
27) cis-1,2-Dichloroethene	6.788	96	138563	53.50	ug/l	95
28) Bromochloromethane	7.155	49	75360	40.72	ug/l	89
29) Tetrahydrofuran	7.180	42	226050	238.98	ug/l	96
30) Chloroform	7.335	83	220160	52.42	ug/l	100
31) Cyclohexane	7.614	56	167973	43.66	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	184984	48.61	ug/l	100
36) 1,1-Dichloropropene	7.756	75	155112	50.05	ug/l	97
37) Ethyl Acetate	6.897	43	143276	46.64	ug/l	98
38) Carbon Tetrachloride	7.733	117	162669	49.97	ug/l	99
39) Methylcyclohexane	9.049	83	177172	47.58	ug/l	96
40) Benzene	8.007	78	498659	54.08	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	75185	47.03	ug/l	87
42) 1,2-Dichloroethane	8.090	62	164424	48.25	ug/l	100
43) Isopropyl Acetate	8.135	43	240345	45.39	ug/l	99
44) Trichloroethene	8.804	130	148574	55.82	ug/l	91
45) 1,2-Dichloropropane	9.087	63	133031	55.50	ug/l	98
46) Dibromomethane	9.177	93	89173	54.78	ug/l	88
47) Bromodichloromethane	9.373	83	176447	51.41	ug/l	99
48) Methyl methacrylate	9.171	41	119445	46.47	ug/l	96
49) 1,4-Dioxane	9.174	88	34525	828.81	ug/l	98
51) 4-Methyl-2-Pentanone	9.955	43	739163	248.29	ug/l	96
52) Toluene	10.126	92	323045	55.59	ug/l	100
53) t-1,3-Dichloropropene	10.354	75	193875	50.12	ug/l	99
54) cis-1,3-Dichloropropene	9.811	75	211121	51.36	ug/l	96
55) 1,1,2-Trichloroethane	10.534	97	134842	58.64	ug/l	96
56) Ethyl methacrylate	10.402	69	192142	53.95	ug/l	95
57) 1,3-Dichloropropane	10.679	76	218980	57.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	395848	255.54	ug/l	98
59) 2-Hexanone	10.724	43	539797	246.65	ug/l	96
60) Dibromochloromethane	10.875	129	151957	55.44	ug/l	99
61) 1,2-Dibromoethane	10.978	107	142351	57.67	ug/l	100
64) Tetrachloroethene	10.602	164	163552	52.13	ug/l	95
65) Chlorobenzene	11.405	112	375407	57.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.483	131	143290	55.99	ug/l	99
67) Ethyl Benzene	11.483	91	626975	52.91	ug/l	98
68) m/p-Xylenes	11.595	106	495457	110.98	ug/l	96
69) o-Xylene	11.920	106	241937	55.82	ug/l	97
70) Styrene	11.936	104	418241	57.84	ug/l	97
71) Bromoform	12.100	173	120367	54.64	ug/l #	99
73) Isopropylbenzene	12.222	105	636234	47.18	ug/l	98
74) N-amyl acetate	12.045	43	220367	41.04	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.479	83	191681	52.71	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	184365m	51.04	ug/l	
77) Bromobenzene	12.499	156	184107	52.24	ug/l	87
78) n-propylbenzene	12.566	91	711094	46.71	ug/l	96
79) 2-Chlorotoluene	12.646	91	427776	47.71	ug/l	95
80) 1,3,5-Trimethylbenzene	12.708	105	546766	47.54	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.277	75	63816	44.55	ug/l	97
82) 4-Chlorotoluene	12.746	91	450085	48.75	ug/l	96
83) tert-Butylbenzene	12.968	119	479803	48.97	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	551838	49.29	ug/l	98
85) sec-Butylbenzene	13.145	105	616046	47.39	ug/l	97
86) p-Isopropyltoluene	13.264	119	586563	49.22	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	323945	54.96	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	322295	54.47	ug/l	97
89) n-Butylbenzene	13.589	91	472241	46.36	ug/l	98
90) Hexachloroethane	13.849	117	97266	47.48	ug/l	79
91) 1,2-Dichlorobenzene	13.627	146	322600	56.99	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	36703	48.99	ug/l	81
93) 1,2,4-Trichlorobenzene	14.881	180	192367	54.60	ug/l	98
94) Hexachlorobutadiene	14.981	225	107088	47.93	ug/l	99
95) Naphthalene	15.103	128	504653	54.66	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	187490	57.18	ug/l	97

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

