

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010521\
 Data File : VN065378.D
 Acq On : 5 Jan 2021 10:38
 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
 1/6/2021 3:32:29 PM

Quant Time: Jan 06 01:13:41 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	329723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	483268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	449548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	231304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	172933	46.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.92%		
35) Dibromofluoromethane	7.550	113	151893	52.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.20%		
50) Toluene-d8	10.058	98	577592	52.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.72%		
62) 4-Bromofluorobenzene	12.373	95	214399	49.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.30%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	144063	47.22	ug/l	99
3) Chloromethane	2.055	50	177848	51.22	ug/l	99
4) Vinyl Chloride	2.181	62	189255	52.39	ug/l	97
5) Bromomethane	2.531	94	134962	52.56	ug/l	99
6) Chloroethane	2.682	64	123461	52.88	ug/l	99
7) Trichlorofluoromethane	2.997	101	256365	47.43	ug/l	99
8) Diethyl Ether	3.386	74	104309	49.02	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.724	101	150753	49.73	ug/l	98
10) Methyl Iodide	3.914	142	224788	49.08	ug/l	93
11) Tert butyl alcohol	4.772	59	124316	204.11	ug/l	99
12) 1,1-Dichloroethene	3.701	96	150766	46.56	ug/l	99
13) Acrolein	3.576	56	103243	250.63	ug/l	98
14) Allyl chloride	4.280	41	243147	45.55	ug/l	99
15) Acrylonitrile	4.943	53	358733	243.73	ug/l	99
16) Acetone	3.788	43	396944	254.31	ug/l	95
17) Carbon Disulfide	4.010	76	377317	45.53	ug/l	99
18) Methyl Acetate	4.290	43	165120	49.40	ug/l	99
19) Methyl tert-butyl Ether	5.007	73	483133	46.97	ug/l	99
20) Methylene Chloride	4.509	84	169305	46.62	ug/l	99
21) trans-1,2-Dichloroethene	4.991	96	158554	49.87	ug/l	98
22) Diisopropyl ether	5.914	45	509578	47.95	ug/l	99
23) Vinyl Acetate	5.853	43	2068581	230.97	ug/l	100
24) 1,1-Dichloroethane	5.801	63	290947	49.91	ug/l	100
25) 2-Butanone	6.798	43	503040	240.72	ug/l	97
26) 2,2-Dichloropropane	6.779	77	254752	45.74	ug/l	99
27) cis-1,2-Dichloroethene	6.782	96	189865	51.31	ug/l	98
28) Bromochloromethane	7.152	49	120660	45.56	ug/l	96
29) Tetrahydrofuran	7.174	42	306604	226.89	ug/l	99
30) Chloroform	7.332	83	299824	49.97	ug/l	100
31) Cyclohexane	7.611	56	248141	45.15	ug/l	97
32) 1,1,1-Trichloroethane	7.528	97	256802	47.23	ug/l	99
36) 1,1-Dichloropropene	7.753	75	224472	51.09	ug/l	98
37) Ethyl Acetate	6.891	43	196037	45.01	ug/l	99
38) Carbon Tetrachloride	7.734	117	224351	48.61	ug/l	99
39) Methylcyclohexane	9.045	83	265790	50.34	ug/l	98
40) Benzene	8.004	78	683545	52.29	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	98729	43.56	ug/l	87
42) 1,2-Dichloroethane	8.087	62	226790	46.95	ug/l	99
43) Isopropyl Acetate	8.129	43	340944	45.42	ug/l	99
44) Trichloroethene	8.801	130	197723	52.40	ug/l	95
45) 1,2-Dichloropropane	9.084	63	178840	52.63	ug/l	99
46) Dibromomethane	9.174	93	118722	51.44	ug/l	92
47) Bromodichloromethane	9.370	83	242848	49.91	ug/l	99
48) Methyl methacrylate	9.168	41	167683	46.02	ug/l	99
49) 1,4-Dioxane	9.171	88	59458	1006.77	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	1003879	237.85	ug/l	100
52) Toluene	10.122	92	440987	53.52	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	275491	50.23	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	294743	50.58	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	171977	52.75	ug/l	97
56) Ethyl methacrylate	10.399	69	256232	50.75	ug/l	99
57) 1,3-Dichloropropane	10.676	76	287387	53.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	541609	246.61	ug/l	100
59) 2-Hexanone	10.724	43	758490	244.46	ug/l	100
60) Dibromochloromethane	10.872	129	199775	51.41	ug/l	99
61) 1,2-Dibromoethane	10.978	107	182624	52.19	ug/l	100
64) Tetrachloroethene	10.602	164	220564	50.52	ug/l	95
65) Chlorobenzene	11.405	112	488061	53.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	185953	52.22	ug/l	100
67) Ethyl Benzene	11.483	91	855516	51.89	ug/l	100
68) m/p-Xylenes	11.592	106	659397	106.15	ug/l	99
69) o-Xylene	11.920	106	320352	53.12	ug/l	99
70) Styrene	11.936	104	546701	54.34	ug/l	99
71) Bromoform	12.100	173	155111	50.60	ug/l #	99
73) Isopropylbenzene	12.222	105	851367	48.33	ug/l	100
74) N-amyl acetate	12.042	43	307096	43.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	232204	48.88	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	239804m	50.82	ug/l	
77) Bromobenzene	12.499	156	231520	50.29	ug/l	91
78) n-propylbenzene	12.563	91	963711	48.46	ug/l	99
79) 2-Chlorotoluene	12.646	91	567995	48.50	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	723776	48.18	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.274	75	83757	44.76	ug/l	93
82) 4-Chlorotoluene	12.746	91	590917	49.00	ug/l	97
83) tert-Butylbenzene	12.968	119	622615	48.65	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	729423	49.87	ug/l	100
85) sec-Butylbenzene	13.145	105	820119	48.30	ug/l	99
86) p-Isopropyltoluene	13.261	119	757552	48.66	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	402216	52.24	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	396627	51.32	ug/l	97
89) n-Butylbenzene	13.589	91	640406	48.13	ug/l	99
90) Hexachloroethane	13.846	117	130719	48.84	ug/l	81
91) 1,2-Dichlorobenzene	13.627	146	392879	53.13	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	45057	46.04	ug/l	90
93) 1,2,4-Trichlorobenzene	14.881	180	226165	49.42	ug/l	98
94) Hexachlorobutadiene	14.981	225	138156	47.33	ug/l	100
95) Naphthalene	15.103	128	560812	47.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	210419	49.58	ug/l	97

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

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