

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065949.D
 Acq On : 22 Feb 2021 10:30
 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
 2/23/2021 11:49:02 AM

Quant Time: Feb 22 15:09:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	152328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	259546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	241129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	116979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	95408	44.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.58%		
35) Dibromofluoromethane	7.550	113	72010	44.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.66%		
50) Toluene-d8	10.058	98	299613	45.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.88%		
62) 4-Bromofluorobenzene	12.373	95	116122	46.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.82%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	85405	42.83	ug/l	98
3) Chloromethane	2.055	50	104992	42.02	ug/l	98
4) Vinyl Chloride	2.184	62	105429	42.83	ug/l	98
5) Bromomethane	2.560	94	63822	42.32	ug/l	100
6) Chloroethane	2.695	64	58606	42.20	ug/l	98
7) Trichlorofluoromethane	3.010	101	136157	44.42	ug/l	97
8) Diethyl Ether	3.390	74	50140	44.58	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.737	101	69804	43.05	ug/l	98
10) Methyl Iodide	3.930	142	97464	38.49	ug/l	98
11) Tert butyl alcohol	4.746	59	69670	235.22	ug/l	99
12) 1,1-Dichloroethene	3.714	96	73108	42.73	ug/l	95
13) Acrolein	3.579	56	63701	235.01	ug/l	96
14) Allyl chloride	4.293	41	132727	45.44	ug/l	96
15) Acrylonitrile	4.943	53	186167	226.66	ug/l	99
16) Acetone	3.788	43	165171	246.81	ug/l	98
17) Carbon Disulfide	4.026	76	216250	44.38	ug/l	98
18) Methyl Acetate	4.293	43	77342	43.94	ug/l	96
19) Methyl tert-butyl Ether	5.004	73	255190	46.36	ug/l	99
20) Methylene Chloride	4.518	84	83824	42.44	ug/l	96
21) trans-1,2-Dichloroethene	5.004	96	80239	44.62	ug/l	96
22) Diisopropyl ether	5.910	45	259976	44.50	ug/l	96
23) Vinyl Acetate	5.853	43	1062335	231.83	ug/l	99
24) 1,1-Dichloroethane	5.808	63	148683	44.05	ug/l	98
25) 2-Butanone	6.791	43	242504	229.98	ug/l	98
26) 2,2-Dichloropropane	6.782	77	137054	51.76	ug/l	99
27) cis-1,2-Dichloroethene	6.788	96	93810	45.80	ug/l	94
28) Bromochloromethane	7.155	49	64474	41.44	ug/l	96
29) Tetrahydrofuran	7.171	42	156896	216.13	ug/l	98
30) Chloroform	7.332	83	152898	45.85	ug/l	100
31) Cyclohexane	7.618	56	137531	43.30	ug/l	95
32) 1,1,1-Trichloroethane	7.531	97	135456	48.43	ug/l	100
36) 1,1-Dichloropropene	7.756	75	116271	45.43	ug/l	98
37) Ethyl Acetate	6.885	43	97661	42.26	ug/l	97
38) Carbon Tetrachloride	7.737	117	110624	46.51	ug/l	97
39) Methylcyclohexane	9.045	83	133445	46.40	ug/l	95
40) Benzene	8.004	78	352761	44.93	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	49961	44.66	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	121279	47.00	ug/l	99
43) Isopropyl Acetate	8.126	43	180527	49.01	ug/l	99
44) Trichloroethene	8.801	130	94466	48.65	ug/l	97
45) 1,2-Dichloropropane	9.084	63	91099	45.31	ug/l	99
46) Dibromomethane	9.174	93	57213	46.71	ug/l	95
47) Bromodichloromethane	9.370	83	123175	49.39	ug/l	97
48) Methyl methacrylate	9.164	41	85582	45.86	ug/l	98
49) 1,4-Dioxane	9.168	88	26648	838.07	ug/l	92
51) 4-Methyl-2-Pentanone	9.949	43	506250	225.89	ug/l	99
52) Toluene	10.122	92	227421	47.16	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	148775	48.30	ug/l	97
54) cis-1,3-Dichloropropene	9.807	75	158293	51.19	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	85781	47.53	ug/l	98
56) Ethyl methacrylate	10.396	69	132574	48.86	ug/l	98
57) 1,3-Dichloropropane	10.675	76	146827	46.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	282131	217.78	ug/l	99
59) 2-Hexanone	10.720	43	366138	229.36	ug/l	99
60) Dibromochloromethane	10.872	129	91191	49.44	ug/l	99
61) 1,2-Dibromoethane	10.975	107	89023	48.56	ug/l	99
64) Tetrachloroethene	10.602	164	94845	50.95	ug/l	97
65) Chlorobenzene	11.402	112	238266	47.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	85390	49.30	ug/l	99
67) Ethyl Benzene	11.483	91	433537	47.50	ug/l	99
68) m/p-Xylenes	11.592	106	329401	96.72	ug/l	95
69) o-Xylene	11.920	106	159013	48.43	ug/l	96
70) Styrene	11.936	104	270337	50.01	ug/l	97
71) Bromoform	12.100	173	59728	45.47	ug/l #	98
73) Isopropylbenzene	12.219	105	420277	44.02	ug/l	99
74) N-amyl acetate	12.042	43	151767	45.82	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	118361	42.02	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	118881m	42.30	ug/l	
77) Bromobenzene	12.495	156	97473	44.62	ug/l	85
78) n-propylbenzene	12.563	91	487667	44.91	ug/l	98
79) 2-Chlorotoluene	12.646	91	292011	42.91	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	364492	44.94	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	43052	48.82	ug/l	97
82) 4-Chlorotoluene	12.743	91	315716	45.94	ug/l	95
83) tert-Butylbenzene	12.965	119	292944	43.71	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	366592	45.02	ug/l	99
85) sec-Butylbenzene	13.142	105	392888	45.16	ug/l	99
86) p-Isopropyltoluene	13.261	119	365332	46.25	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	179985	46.55	ug/l	97
88) 1,4-Dichlorobenzene	13.335	146	183541	46.47	ug/l	98
89) n-Butylbenzene	13.585	91	331116	49.72	ug/l	99
90) Hexachloroethane	13.846	117	48621	36.36	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	176665	45.57	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	26799	48.30	ug/l	90
93) 1,2,4-Trichlorobenzene	14.878	180	115076	54.76	ug/l	99
94) Hexachlorobutadiene	14.978	225	43552	48.40	ug/l	99
95) Naphthalene	15.100	128	370543	54.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	113746	54.25	ug/l	99

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

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