

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068994.D
 Acq On : 18 Oct 2021 21:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/19/2021 5:23:35 PM

Quant Time: Oct 19 09:57:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	328599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	594104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	559903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	245176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	243721	56.255	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.500%			
35) Dibromofluoromethane	8.021	113	188657	54.580	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.160%			
50) Toluene-d8	10.443	98	769041	55.606	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.220%			
62) 4-Bromofluorobenzene	12.733	95	296354	56.795	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	171514	42.117	ug/l	99
3) Chloromethane	2.301	50	198826	49.504	ug/l	100
4) Vinyl Chloride	2.443	62	233767	57.303	ug/l	100
5) Bromomethane	2.821	94	150589	67.110	ug/l	98
6) Chloroethane	2.998	64	143255	59.586	ug/l	100
7) Trichlorofluoromethane	3.365	101	292615	51.225	ug/l	100
8) Diethyl Ether	3.824	74	110650	51.930	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.207	101	162697	52.968	ug/l	98
10) Methyl Iodide	4.422	142	214542	48.124	ug/l	99
11) Tert butyl alcohol	5.371	59	205325	259.361	ug/l	99
12) 1,1-Dichloroethene	4.183	96	158875	50.038	ug/l	98
13) Acrolein	4.044	56	101855	290.843	ug/l	99
14) Allyl chloride	4.840	41	278145	48.867	ug/l	97
15) Acrylonitrile	5.554	53	479481	270.301	ug/l	99
16) Acetone	4.285	43	391256	241.995	ug/l	98
17) Carbon Disulfide	4.529	76	420111	48.754	ug/l	99
18) Methyl Acetate	4.854	43	344317	56.146	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	624957	52.861	ug/l	99
20) Methylene Chloride	5.098	84	191314	51.411	ug/l	99
21) trans-1,2-Dichloroethene	5.599	96	172338	50.241	ug/l	96
22) Diisopropyl ether	6.498	45	622574	52.597	ug/l	98
23) Vinyl Acetate	6.433	43	2356408	263.334	ug/l	99
24) 1,1-Dichloroethane	6.388	63	334861	52.069	ug/l	100
25) 2-Butanone	7.332	43	661029	270.375	ug/l	98
26) 2,2-Dichloropropane	7.327	77	272740	44.501	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	209188	50.448	ug/l	98
28) Bromochloromethane	7.659	49	166586	57.191	ug/l	98
29) Tetrahydrofuran	7.683	42	445552	280.956	ug/l	98
30) Chloroform	7.820	83	364083	53.718	ug/l	98
31) Cyclohexane	8.096	56	313191	46.493	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	327563	51.844	ug/l	99
36) 1,1-Dichloropropene	8.222	75	262799	51.787	ug/l	99
37) Ethyl Acetate	7.412	43	278167	53.075	ug/l	99
38) Carbon Tetrachloride	8.209	117	282742	50.732	ug/l	100
39) Methylcyclohexane	9.461	83	324956	49.752	ug/l	97
40) Benzene	8.461	78	792075	51.259	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	140214	53.073	ug/l	99
42) 1,2-Dichloroethane	8.531	62	288778	52.775	ug/l	100
43) Isopropyl Acetate	8.560	43	498502	53.908	ug/l	100
44) Trichloroethene	9.217	130	194697	50.344	ug/l	100
45) 1,2-Dichloropropane	9.491	63	207507	51.751	ug/l	99
46) Dibromomethane	9.579	93	143838	52.552	ug/l	97
47) Bromodichloromethane	9.764	83	296981	52.360	ug/l	99
48) Methyl methacrylate	9.561	41	209343	48.181	ug/l	90
49) 1,4-Dioxane	9.569	88	84696	1000.140	ug/l	94
51) 4-Methyl-2-Pentanone	10.330	43	1478213	275.687	ug/l	99
52) Toluene	10.507	92	529488	53.259	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	329997	51.363	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	340633	50.958	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	209383	53.419	ug/l	98
56) Ethyl methacrylate	10.762	69	352606	53.579	ug/l	98
57) 1,3-Dichloropropane	11.046	76	350767	54.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	510131	262.494	ug/l	99
59) 2-Hexanone	11.087	43	1083095	281.674	ug/l	100
60) Dibromochloromethane	11.240	129	227599	51.443	ug/l	99
61) 1,2-Dibromoethane	11.347	107	217259	54.039	ug/l	99
64) Tetrachloroethene	10.979	164	167489	46.437	ug/l	96
65) Chlorobenzene	11.771	112	559439	52.802	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	213052	51.376	ug/l	100
67) Ethyl Benzene	11.846	91	1046128	53.155	ug/l	98
68) m/p-Xylenes	11.956	106	780473	104.612	ug/l	99
69) o-Xylene	12.283	106	392478	52.556	ug/l	99
70) Styrene	12.296	104	662067	54.464	ug/l	100
71) Bromoform	12.460	173	165756	49.897	ug/l #	99
73) Isopropylbenzene	12.581	105	1045018	51.208	ug/l	100
74) N-amyl acetate	12.387	43	420707	54.415	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	321517	54.518	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	287149m	55.045	ug/l	
77) Bromobenzene	12.862	156	228181	50.566	ug/l	98
78) n-propylbenzene	12.921	91	1199983	52.324	ug/l	99
79) 2-Chlorotoluene	13.010	91	733139	51.865	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	870839	51.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	106014	48.620	ug/l	99
82) 4-Chlorotoluene	13.106	91	718473	52.599	ug/l	99
83) tert-Butylbenzene	13.326	119	751758	50.805	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	851327	51.981	ug/l	99
85) sec-Butylbenzene	13.503	105	1072543	52.338	ug/l	100
86) p-Isopropyltoluene	13.618	119	862515	52.474	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	405791	51.987	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	398921	51.494	ug/l	99
89) n-Butylbenzene	13.943	91	732864	53.558	ug/l	99
90) Hexachloroethane	14.211	117	174372	50.502	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	394165	51.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	62281	54.774	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	184724	45.128	ug/l	99
94) Hexachlorobutadiene	15.372	225	98659	45.696	ug/l	99
95) Naphthalene	15.507	128	527583	46.645	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	178525	45.788	ug/l	98

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

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