

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067430.D
 Acq On : 21 Jun 2021 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 6/22/2021 6:25:01 PM

Quant Time: Jun 22 03:13:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	266834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	571764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	512131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	200410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	281562	53.489	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.980%			
35) Dibromofluoromethane	8.024	113	184156	48.428	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.860%			
50) Toluene-d8	10.443	98	733918	50.354	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.700%			
62) 4-Bromofluorobenzene	12.733	95	274694	45.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	236517	54.090	ug/l	100
3) Chloromethane	2.301	50	246947	60.962	ug/l	100
4) Vinyl Chloride	2.443	62	238576	60.073	ug/l	97
5) Bromomethane	2.834	94	118419	70.283	ug/l	99
6) Chloroethane	3.006	64	151062	61.919	ug/l	97
7) Trichlorofluoromethane	3.365	101	340210	61.717	ug/l	100
8) Diethyl Ether	3.821	74	130395	58.153	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.202	101	202305	61.017	ug/l	95
10) Methyl Iodide	4.417	142	210478	60.252	ug/l	95
11) Tert butyl alcohol	5.393	59	251052	289.715	ug/l	100
12) 1,1-Dichloroethene	4.170	96	200382	62.615	ug/l	97
13) Acrolein	4.041	56	170452	315.126	ug/l	100
14) Allyl chloride	4.832	41	415778	58.555	ug/l	97
15) Acrylonitrile	5.556	53	660727	347.392	ug/l	100
16) Acetone	4.291	43	561040	277.739	ug/l	94
17) Carbon Disulfide	4.521	76	608339	58.854	ug/l	99
18) Methyl Acetate	4.859	43	314299	64.168	ug/l	99
19) Methyl tert-butyl Ether	5.624	73	804304	62.611	ug/l	99
20) Methylene Chloride	5.095	84	247640	58.919	ug/l	97
21) trans-1,2-Dichloroethene	5.594	96	208811	58.879	ug/l	93
22) Diisopropyl ether	6.503	45	858176	65.475	ug/l	96
23) Vinyl Acetate	6.436	43	3767024	313.657	ug/l	99
24) 1,1-Dichloroethane	6.388	63	464132	63.125	ug/l	99
25) 2-Butanone	7.343	43	912363	316.080	ug/l	99
26) 2,2-Dichloropropane	7.327	77	353172	47.390	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	246963	59.181	ug/l	100
28) Bromochloromethane	7.662	49	210476	61.510	ug/l	93
29) Tetrahydrofuran	7.691	42	597991	328.588	ug/l	98
30) Chloroform	7.820	83	455308	58.982	ug/l	99
31) Cyclohexane	8.096	56	419170	58.577	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	391215	55.174	ug/l	98
36) 1,1-Dichloropropene	8.222	75	342172	53.382	ug/l	99
37) Ethyl Acetate	7.420	43	378667	55.759	ug/l #	87
38) Carbon Tetrachloride	8.206	117	318129	46.174	ug/l	99
39) Methylcyclohexane	9.461	83	390807	57.606	ug/l	97
40) Benzene	8.461	78	1005274	56.189	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	189395	53.648	ug/l	95
42) 1,2-Dichloroethane	8.531	62	385190	50.952	ug/l	100
43) Isopropyl Acetate	8.566	43	661223	54.247	ug/l	98
44) Trichloroethene	9.217	130	207624	49.626	ug/l	99
45) 1,2-Dichloropropane	9.494	63	277990	58.258	ug/l	99
46) Dibromomethane	9.577	93	171552	52.844	ug/l	95
47) Bromodichloromethane	9.765	83	371437	51.007	ug/l	98
48) Methyl methacrylate	9.563	41	292258	52.584	ug/l	97
49) 1,4-Dioxane	9.574	88	89438	1175.757	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	1982637	282.516	ug/l	99
52) Toluene	10.507	92	598225	53.175	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	412777	51.188	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	436771	53.591	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	232830	53.527	ug/l	98
56) Ethyl methacrylate	10.765	69	432225	55.271	ug/l	97
57) 1,3-Dichloropropane	11.046	76	444172	55.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	581159	255.367	ug/l	97
59) 2-Hexanone	11.089	43	1435634	279.228	ug/l	98
60) Dibromochloromethane	11.242	129	231451	48.666	ug/l	98
61) 1,2-Dibromoethane	11.350	107	232037	50.954	ug/l	99
64) Tetrachloroethene	10.982	164	172835	47.530	ug/l	99
65) Chlorobenzene	11.773	112	580125	52.057	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	207091	49.901	ug/l	99
67) Ethyl Benzene	11.848	91	1179313	53.513	ug/l	100
68) m/p-Xylenes	11.956	106	808518	103.205	ug/l	100
69) o-Xylene	12.283	106	403711	52.685	ug/l	100
70) Styrene	12.296	104	665514	52.252	ug/l	99
71) Bromoform	12.460	173	146184	46.100	ug/l #	99
73) Isopropylbenzene	12.583	105	1062215	55.237	ug/l	99
74) N-amyl acetate	12.390	43	563401	60.010	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	356552	62.192	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	299150m	57.481	ug/l	
77) Bromobenzene	12.865	156	200823	51.281	ug/l	89
78) n-propylbenzene	12.924	91	1300826	56.873	ug/l	97
79) 2-Chlorotoluene	13.010	91	789190	55.413	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	879908	54.317	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	116506	55.481	ug/l	95
82) 4-Chlorotoluene	13.109	91	771376	54.397	ug/l	97
83) tert-Butylbenzene	13.326	119	709395	54.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	857398	53.573	ug/l	99
85) sec-Butylbenzene	13.506	105	1034811	56.663	ug/l	98
86) p-Isopropyltoluene	13.618	119	791040	53.668	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	365113	51.686	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	361180	50.832	ug/l	100
89) n-Butylbenzene	13.946	91	778302	56.197	ug/l	98
90) Hexachloroethane	14.214	117	161873	56.159	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	360186	53.738	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	72805	50.798	ug/l	96
93) 1,2,4-Trichlorobenzene	15.268	180	171003	48.866	ug/l	99
94) Hexachlorobutadiene	15.373	225	83589	41.594	ug/l	99
95) Naphthalene	15.509	128	563087	46.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	167240	49.780	ug/l	97

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

