

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067409.D
 Acq On : 21 Jun 2021 12:00
 Operator : JC/MD
 Sample : VN0621WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:24:41 PM

Quant Time: Jun 22 03:09:34 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	8.086	168	306425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	629983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	556153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	222529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	307586	50.883	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.760%			
35) Dibromofluoromethane	8.027	113	203872	48.658	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.320%			
50) Toluene-d8	10.443	98	810538	50.472	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.940%			
62) 4-Bromofluorobenzene	12.733	95	305779	46.139	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	100002	20.753	ug/l	97
3) Chloromethane	2.301	50	102816	22.102	ug/l	98
4) Vinyl Chloride	2.443	62	93700	20.545	ug/l	95
5) Bromomethane	2.845	94	51476	26.604	ug/l	93
6) Chloroethane	3.014	64	57944	20.682	ug/l	96
7) Trichlorofluoromethane	3.371	101	138701	21.911	ug/l	98
8) Diethyl Ether	3.821	74	57545	22.348	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.199	101	83667	21.974	ug/l	98
10) Methyl Iodide	4.414	142	74819	23.307	ug/l	95
11) Tert butyl alcohol	5.390	59	95679	96.148	ug/l #	86
12) 1,1-Dichloroethene	4.175	96	79569	21.651	ug/l	96
13) Acrolein	4.038	56	57107	91.937	ug/l	99
14) Allyl chloride	4.832	41	168714	20.691	ug/l	99
15) Acrylonitrile	5.556	53	253227	115.938	ug/l	99
16) Acetone	4.288	43	246798	106.390	ug/l	95
17) Carbon Disulfide	4.521	76	252831	21.300	ug/l	100
18) Methyl Acetate	4.859	43	119626	21.268	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	329295	22.322	ug/l	100
20) Methylene Chloride	5.095	84	100650	20.853	ug/l	98
21) trans-1,2-Dichloroethene	5.591	96	89142	21.888	ug/l	97
22) Diisopropyl ether	6.500	45	342290	22.741	ug/l	99
23) Vinyl Acetate	6.436	43	1481013	107.382	ug/l	99
24) 1,1-Dichloroethane	6.385	63	191459	22.675	ug/l	99
25) 2-Butanone	7.343	43	353464	106.633	ug/l	98
26) 2,2-Dichloropropane	7.327	77	171195	20.004	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	105455	22.006	ug/l	98
28) Bromochloromethane	7.659	49	88719	22.577	ug/l	96
29) Tetrahydrofuran	7.691	42	223810	107.091	ug/l	98
30) Chloroform	7.817	83	185609	20.938	ug/l	99
31) Cyclohexane	8.094	56	179291	21.818	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	158210	19.430	ug/l	96
36) 1,1-Dichloropropene	8.220	75	141735	20.068	ug/l	97
37) Ethyl Acetate	7.418	43	145670	19.468	ug/l	99
38) Carbon Tetrachloride	8.209	117	127868	16.844	ug/l	99
39) Methylcyclohexane	9.461	83	167599	22.422	ug/l	98
40) Benzene	8.461	78	412258	20.913	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	72103	18.537	ug/l	95
42) 1,2-Dichloroethane	8.531	62	155992	18.727	ug/l	100
43) Isopropyl Acetate	8.566	43	257352	19.162	ug/l	99
44) Trichloroethene	9.217	130	86161	18.691	ug/l	99
45) 1,2-Dichloropropane	9.494	63	112383	21.375	ug/l	99
46) Dibromomethane	9.579	93	68515	19.154	ug/l	98
47) Bromodichloromethane	9.764	83	146657	18.278	ug/l	98
48) Methyl methacrylate	9.563	41	120171	19.624	ug/l	97
49) 1,4-Dioxane	9.574	88	34146	407.402	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	742620	96.040	ug/l	99
52) Toluene	10.507	92	242141	19.534	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	169737	19.104	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	177441	19.760	ug/l	96
55) 1,1,2-Trichloroethane	10.902	97	95199	19.864	ug/l	99
56) Ethyl methacrylate	10.765	69	166270	19.297	ug/l	95
57) 1,3-Dichloropropane	11.046	76	172843	19.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	196967	78.551	ug/l	98
59) 2-Hexanone	11.089	43	531792	93.874	ug/l	97
60) Dibromochloromethane	11.242	129	90831	17.334	ug/l	98
61) 1,2-Dibromoethane	11.349	107	91446	18.225	ug/l	100
64) Tetrachloroethene	10.979	164	78452	19.867	ug/l	99
65) Chlorobenzene	11.773	112	240800	19.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	83463	18.520	ug/l	97
67) Ethyl Benzene	11.848	91	482812	20.174	ug/l	98
68) m/p-Xylenes	11.956	106	343054	40.324	ug/l	96
69) o-Xylene	12.283	106	170253	20.460	ug/l	99
70) Styrene	12.299	104	269787	19.505	ug/l	98
71) Bromoform	12.460	173	56726	16.473	ug/l #	99
73) Isopropylbenzene	12.583	105	440455	20.628	ug/l	100
74) N-amyl acetate	12.390	43	209487	20.095	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	135901	21.348	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	117678m	20.364	ug/l	
77) Bromobenzene	12.865	156	84386	19.406	ug/l	93
78) n-propylbenzene	12.924	91	553195	21.782	ug/l	97
79) 2-Chlorotoluene	13.010	91	320982	20.297	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	373134	20.744	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	44949	19.277	ug/l	96
82) 4-Chlorotoluene	13.109	91	324507	20.610	ug/l	97
83) tert-Butylbenzene	13.326	119	294664	20.573	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	361245	20.328	ug/l	100
85) sec-Butylbenzene	13.506	105	441109	21.753	ug/l	99
86) p-Isopropyltoluene	13.618	119	337154	20.601	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	156550	19.959	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	155792	19.746	ug/l	99
89) n-Butylbenzene	13.946	91	332250	21.606	ug/l	99
90) Hexachloroethane	14.214	117	64531	20.163	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	152549	20.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.608	75	27049	16.997	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	72641	18.695	ug/l	98
94) Hexachlorobutadiene	15.375	225	41158	18.445	ug/l	98
95) Naphthalene	15.509	128	203290	16.863	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	65896	17.665	ug/l	98

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

