

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067224.D
 Acq On : 5 Jun 2021 12:31
 Operator : JC/MD
 Sample : VN0605WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:29:47 PM

Quant Time: Jun 07 01:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	152155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	260760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	249694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	143229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	93567	45.113	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.220%		
35) Dibromofluoromethane	8.027	113	75556	46.739	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.480%		
50) Toluene-d8	10.446	98	320195	48.635	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.736	95	112868	44.513	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	26820	15.655	ug/l	99
3) Chloromethane	2.298	50	51373	23.819	ug/l	99
4) Vinyl Chloride	2.446	62	64095	23.445	ug/l	99
5) Bromomethane	2.877	94	79413	38.303	ug/l	99
6) Chloroethane	3.027	64	48022	25.332	ug/l	99
7) Trichlorofluoromethane	3.384	101	42619	16.866	ug/l	94
8) Diethyl Ether	3.835	74	16500	16.899	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.221	101	25179	17.355	ug/l	88
10) Methyl Iodide	4.433	142	28761	15.478	ug/l	94
11) Tert butyl alcohol	5.420	59	27472	80.759	ug/l #	94
12) 1,1-Dichloroethene	4.189	96	23913	16.480	ug/l	94
13) Acrolein	4.055	56	8241	73.014	ug/l	89
14) Allyl chloride	4.846	41	43177	16.273	ug/l #	84
15) Acrylonitrile	5.567	53	60560	81.166	ug/l	98
16) Acetone	4.315	43	64160	89.651	ug/l	97
17) Carbon Disulfide	4.540	76	70372	16.604	ug/l	100
18) Methyl Acetate	4.867	43	33879	16.700	ug/l	92
19) Methyl tert-butyl Ether	5.624	73	86592	16.806	ug/l	100
20) Methylene Chloride	5.103	84	29503	16.371	ug/l	91
21) trans-1,2-Dichloroethene	5.602	96	27891	16.537	ug/l	96
22) Diisopropyl ether	6.501	45	85375	16.783	ug/l	95
23) Vinyl Acetate	6.439	43	411671	83.227	ug/l	96
24) 1,1-Dichloroethane	6.393	63	53036	17.268	ug/l	100
25) 2-Butanone	7.345	43	96888	84.545	ug/l	94
26) 2,2-Dichloropropane	7.332	77	51191	17.254	ug/l	98
27) cis-1,2-Dichloroethene	7.332	96	34675	17.749	ug/l	97
28) Bromochloromethane	7.665	49	28033	18.482	ug/l #	79
29) Tetrahydrofuran	7.694	42	54471	79.931	ug/l	95
30) Chloroform	7.823	83	57561	17.324	ug/l	99
31) Cyclohexane	8.096	56	47101	16.914	ug/l	97
32) 1,1,1-Trichloroethane	8.021	97	53635	17.285	ug/l	97
36) 1,1-Dichloropropene	8.225	75	43671	18.134	ug/l	97
37) Ethyl Acetate	7.421	43	45007m	19.387	ug/l	
38) Carbon Tetrachloride	8.209	117	46317	17.610	ug/l	97
39) Methylcyclohexane	9.464	83	51026	18.703	ug/l	98
40) Benzene	8.467	78	129461	17.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	20256	16.855	ug/l #	83
42) 1,2-Dichloroethane	8.536	62	45078	17.568	ug/l	96
43) Isopropyl Acetate	8.566	43	79101	17.919	ug/l	91
44) Trichloroethene	9.220	130	34833	18.524	ug/l	94
45) 1,2-Dichloropropane	9.494	63	32989	17.732	ug/l	95
46) Dibromomethane	9.582	93	23488	17.901	ug/l	87
47) Bromodichloromethane	9.765	83	49579	18.545	ug/l	98
48) Methyl methacrylate	9.563	41	32492	16.986	ug/l #	87
49) 1,4-Dioxane	9.598	88	9820	324.891	ug/l #	83
51) 4-Methyl-2-Pentanone	10.336	43	222720	86.091	ug/l	91
52) Toluene	10.510	92	87428	17.737	ug/l	96
53) t-1,3-Dichloropropene	10.725	75	56510	17.924	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	56533	17.726	ug/l #	87
55) 1,1,2-Trichloroethane	10.902	97	33522	17.917	ug/l	97
56) Ethyl methacrylate	10.768	69	52008	17.033	ug/l #	82
57) 1,3-Dichloropropane	11.049	76	53921	17.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	45334	69.879	ug/l	96
59) 2-Hexanone	11.092	43	165055	87.789	ug/l	91
60) Dibromochloromethane	11.245	129	37921	17.153	ug/l	99
61) 1,2-Dibromoethane	11.350	107	33982	17.264	ug/l	98
64) Tetrachloroethene	10.982	164	33619	19.793	ug/l	98
65) Chlorobenzene	11.776	112	95992	18.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	36321	17.946	ug/l	100
67) Ethyl Benzene	11.849	91	177333	18.109	ug/l	98
68) m/p-Xylenes	11.958	106	141327	36.770	ug/l	99
69) o-Xylene	12.286	106	68555	18.251	ug/l	96
70) Styrene	12.299	104	115707	18.038	ug/l	97
71) Bromoform	12.465	173	29759	17.845	ug/l #	98
73) Isopropylbenzene	12.583	105	177595	16.296	ug/l	100
74) N-amyl acetate	12.393	43	69954	15.928	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.833	83	47966	15.449	ug/l	99
76) 1,2,3-Trichloropropane	12.886	75	44113m	16.016	ug/l	
77) Bromobenzene	12.868	156	41689	16.800	ug/l	88
78) n-propylbenzene	12.924	91	211686	16.670	ug/l	96
79) 2-Chlorotoluene	13.112	91	130502	16.926	ug/l	97
80) 1,3,5-Trimethylbenzene	13.066	105	157431	16.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.632	75	17693	15.717	ug/l	94
82) 4-Chlorotoluene	13.012	91	117766	15.909	ug/l	97
83) tert-Butylbenzene	13.329	119	135363	16.760	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	158649	16.904	ug/l	99
85) sec-Butylbenzene	13.506	105	195701	17.456	ug/l	99
86) p-Isopropyltoluene	13.621	119	171140	17.245	ug/l	97
87) 1,3-Dichlorobenzene	13.621	146	85745	18.123	ug/l	100
88) 1,4-Dichlorobenzene	13.699	146	87713	18.341	ug/l	98
89) n-Butylbenzene	13.948	91	157016	17.580	ug/l	94
90) Hexachloroethane	14.217	117	27901	16.345	ug/l	85
91) 1,2-Dichlorobenzene	13.994	146	82217	17.638	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	9801	15.263	ug/l	84
93) 1,2,4-Trichlorobenzene	15.271	180	38513	17.978	ug/l	99
94) Hexachlorobutadiene	15.375	225	22359	18.411	ug/l	99
95) Naphthalene	15.512	128	91578	17.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	33986	17.872	ug/l	98

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

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