

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
 Data File : VN067660.D
 Acq On : 8 Jul 2021 13:41
 Operator : JC/MD
 Sample : VN0708WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:43:16 PM

Quant Time: Jul 09 03:52:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	365318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	693090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	671839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	302197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	293192	53.104	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.200%
35) Dibromofluoromethane	8.024	113	203950	48.705	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.400%
50) Toluene-d8	10.443	98	882721	50.361	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.734	95	311917	50.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	58709	18.907	ug/l	100
3) Chloromethane	2.301	50	90683	18.439	ug/l	96
4) Vinyl Chloride	2.443	62	141667	19.086	ug/l	98
5) Bromomethane	2.853	94	122487	21.469	ug/l	96
6) Chloroethane	3.017	64	112367	20.061	ug/l	97
7) Trichlorofluoromethane	3.371	101	266699	21.743	ug/l	99
8) Diethyl Ether	3.821	74	46458	15.723	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.199	101	66624	19.678	ug/l	98
10) Methyl Iodide	4.411	142	76925	19.073	ug/l	92
11) Tert butyl alcohol	5.385	59	72200	91.003	ug/l #	84
12) 1,1-Dichloroethene	4.175	96	64393	19.824	ug/l	87
13) Acrolein	4.036	56	36880	92.742	ug/l	97
14) Allyl chloride	4.838	41	112536	18.847	ug/l	93
15) Acrylonitrile	5.557	53	193434	98.299	ug/l	98
16) Acetone	4.288	43	161110	92.738	ug/l	98
17) Carbon Disulfide	4.524	76	166569	18.512	ug/l	98
18) Methyl Acetate	4.859	43	89458	18.333	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	260082	19.322	ug/l	99
20) Methylene Chloride	5.093	84	81166	19.590	ug/l	92
21) trans-1,2-Dichloroethene	5.594	96	72608	18.906	ug/l	95
22) Diisopropyl ether	6.498	45	261932	19.331	ug/l	97
23) Vinyl Acetate	6.436	43	1126899m	97.279	ug/l	
24) 1,1-Dichloroethane	6.385	63	147382	19.511	ug/l	99
25) 2-Butanone	7.340	43	277420	96.167	ug/l	97
26) 2,2-Dichloropropane	7.327	77	128173	19.417	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	92092	19.162	ug/l	88
28) Bromochloromethane	7.659	49	66143	17.945	ug/l	86
29) Tetrahydrofuran	7.691	42	184251	97.124	ug/l	94
30) Chloroform	7.817	83	162313	19.130	ug/l	98
31) Cyclohexane	8.096	56	139327	17.998	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	143611	19.520	ug/l	100
36) 1,1-Dichloropropene	8.222	75	117525	18.255	ug/l	95
37) Ethyl Acetate	7.418	43	117676	18.864	ug/l	99
38) Carbon Tetrachloride	8.206	117	118994	18.738	ug/l	96
39) Methylcyclohexane	9.462	83	132701	18.828	ug/l	93
40) Benzene	8.461	78	364055	18.891	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	58173	18.145	ug/l	94
42) 1,2-Dichloroethane	8.534	62	135219	18.894	ug/l	98
43) Isopropyl Acetate	8.566	43	204477	18.634	ug/l	97
44) Trichloroethene	9.217	130	91530	18.715	ug/l	88
45) 1,2-Dichloropropane	9.491	63	92245	18.906	ug/l	99
46) Dibromomethane	9.580	93	65660	18.965	ug/l	96
47) Bromodichloromethane	9.765	83	128427	18.975	ug/l	97
48) Methyl methacrylate	9.563	41	88686	18.274	ug/l	87
49) 1,4-Dioxane	9.571	88	31609	348.974	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	645630	95.773	ug/l	96
52) Toluene	10.507	92	246840	19.554	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	135636	17.975	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	143743	19.097	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	94929	19.622	ug/l	97
56) Ethyl methacrylate	10.762	69	144930	19.445	ug/l	94
57) 1,3-Dichloropropane	11.047	76	158870	19.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	137273	81.380	ug/l	94
59) 2-Hexanone	11.089	43	453718	96.423	ug/l	96
60) Dibromochloromethane	11.240	129	91103	16.977	ug/l	97
61) 1,2-Dibromoethane	11.350	107	96066	19.450	ug/l	100
64) Tetrachloroethene	10.980	164	89343	18.839	ug/l	97
65) Chlorobenzene	11.773	112	257558	18.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	92814	19.123	ug/l	100
67) Ethyl Benzene	11.848	91	480008	19.109	ug/l	98
68) m/p-Xylenes	11.956	106	370315	38.977	ug/l	87
69) o-Xylene	12.283	106	178377	19.096	ug/l	91
70) Styrene	12.296	104	296814	19.864	ug/l	94
71) Bromoform	12.460	173	58345	15.867	ug/l #	97
73) Isopropylbenzene	12.581	105	464788	19.062	ug/l	98
74) N-amyl acetate	12.390	43	164577	18.605	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	135775	19.187	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	125328m	20.308	ug/l	
77) Bromobenzene	12.862	156	102948	19.077	ug/l	79
78) n-propylbenzene	12.924	91	534639	19.387	ug/l	97
79) 2-Chlorotoluene	13.010	91	322331	19.347	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	389943	19.738	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	34817	18.189	ug/l	99
82) 4-Chlorotoluene	13.109	91	322478	19.560	ug/l	94
83) tert-Butylbenzene	13.326	119	326394	19.372	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	379281	19.593	ug/l	93
85) sec-Butylbenzene	13.506	105	449413	19.273	ug/l	97
86) p-Isopropyltoluene	13.619	119	362899	19.286	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	189948	18.973	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	187952	18.337	ug/l	96
89) n-Butylbenzene	13.946	91	307928	19.079	ug/l	98
90) Hexachloroethane	14.214	117	58745	18.797	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	183302	18.968	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23163	18.846	ug/l	74
93) 1,2,4-Trichlorobenzene	15.268	180	76969	17.146	ug/l	98
94) Hexachlorobutadiene	15.373	225	38186	18.805	ug/l	99
95) Naphthalene	15.509	128	213648	16.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	71672	16.703	ug/l	98

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

