

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069045.D
 Acq On : 20 Oct 2021 00:31
 Operator : JC/MD
 Sample : VN1019WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:47:29 PM

Quant Time: Oct 20 05:51:52 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	8.088	168	284856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	519092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	474251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	197067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	218127	58.078	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.160%			
35) Dibromofluoromethane	8.024	113	170113	56.326	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.660%			
50) Toluene-d8	10.443	98	681552	56.401	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.800%			
62) 4-Bromofluorobenzene	12.734	95	245864	53.928	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	62976	18.556	ug/l	96
3) Chloromethane	2.301	50	71028	20.400	ug/l	100
4) Vinyl Chloride	2.443	62	83774	23.689	ug/l	99
5) Bromomethane	2.848	94	56573	29.083	ug/l	98
6) Chloroethane	3.014	64	54618	26.207	ug/l	96
7) Trichlorofluoromethane	3.373	101	108495	21.910	ug/l	100
8) Diethyl Ether	3.829	74	39866	21.583	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.218	101	58243	21.874	ug/l	97
10) Methyl Iodide	4.425	142	70892	18.344	ug/l	98
11) Tert butyl alcohol	5.364	59	70165	102.241	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	56664	20.587	ug/l	98
13) Acrolein	4.047	56	26777	88.202	ug/l	100
14) Allyl chloride	4.843	41	97027	19.664	ug/l	97
15) Acrylonitrile	5.557	53	172409	112.118	ug/l	99
16) Acetone	4.288	43	142263	101.503	ug/l	98
17) Carbon Disulfide	4.535	76	140892	18.861	ug/l	99
18) Methyl Acetate	4.857	43	125633	23.632	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	222139	21.675	ug/l	100
20) Methylene Chloride	5.098	84	69016	21.394	ug/l	96
21) trans-1,2-Dichloroethene	5.600	96	61061	20.534	ug/l	96
22) Diisopropyl ether	6.495	45	215276	20.980	ug/l	99
23) Vinyl Acetate	6.436	43	801264	103.294	ug/l	100
24) 1,1-Dichloroethane	6.391	63	119644	21.461	ug/l	99
25) 2-Butanone	7.335	43	230011	108.526	ug/l	98
26) 2,2-Dichloropropane	7.329	77	85871	16.162	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	74245	20.655	ug/l	97
28) Bromochloromethane	7.659	49	43973	17.415	ug/l	99
29) Tetrahydrofuran	7.686	42	155438	113.068	ug/l	98
30) Chloroform	7.820	83	125926	21.433	ug/l	99
31) Cyclohexane	8.096	56	111140	19.032	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	114397	20.886	ug/l	99
36) 1,1-Dichloropropene	8.225	75	91594	20.658	ug/l	99
37) Ethyl Acetate	7.413	43	96777	21.134	ug/l	99
38) Carbon Tetrachloride	8.209	117	95942	19.702	ug/l	96
39) Methylcyclohexane	9.462	83	110472	19.358	ug/l	97
40) Benzene	8.461	78	279226	20.681	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	46903	20.319	ug/l	94
42) 1,2-Dichloroethane	8.534	62	102916	21.526	ug/l	100
43) Isopropyl Acetate	8.563	43	174027	21.539	ug/l	99
44) Trichloroethene	9.217	130	69199	20.479	ug/l	98
45) 1,2-Dichloropropane	9.491	63	72666	20.741	ug/l	97
46) Dibromomethane	9.580	93	49173	20.562	ug/l	99
47) Bromodichloromethane	9.765	83	100144	20.208	ug/l	99
48) Methyl methacrylate	9.561	41	70529	18.578	ug/l	88
49) 1,4-Dioxane	9.569	88	28169	402.774	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	499902	106.704	ug/l	99
52) Toluene	10.508	92	181968	20.949	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	107096	19.078	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	112332	19.233	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	72050	21.038	ug/l	97
56) Ethyl methacrylate	10.762	69	118872	20.673	ug/l	98
57) 1,3-Dichloropropane	11.047	76	122194	21.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	125023	87.125	ug/l	100
59) 2-Hexanone	11.087	43	364072	108.364	ug/l	100
60) Dibromochloromethane	11.240	129	74696	19.323	ug/l	99
61) 1,2-Dibromoethane	11.347	107	73752	20.995	ug/l	100
64) Tetrachloroethene	10.980	164	58311	19.087	ug/l	98
65) Chlorobenzene	11.771	112	190777	21.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	71940	20.481	ug/l	99
67) Ethyl Benzene	11.846	91	353916	21.231	ug/l	99
68) m/p-Xylenes	11.956	106	264883	41.916	ug/l	99
69) o-Xylene	12.283	106	131326	20.762	ug/l	96
70) Styrene	12.296	104	215727	20.951	ug/l	99
71) Bromoform	12.460	173	50547	17.964	ug/l #	98
73) Isopropylbenzene	12.581	105	347089	21.160	ug/l	99
74) N-amyl acetate	12.390	43	131541	21.167	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	111262	23.472	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	91910m	21.920	ug/l	
77) Bromobenzene	12.862	156	77400	21.339	ug/l	98
78) n-propylbenzene	12.924	91	389667	21.139	ug/l	99
79) 2-Chlorotoluene	13.010	91	243778	21.456	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	288428	21.111	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	29723	16.959	ug/l	94
82) 4-Chlorotoluene	13.106	91	233887	21.303	ug/l	99
83) tert-Butylbenzene	13.326	119	250128	21.031	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	281364	21.374	ug/l	99
85) sec-Butylbenzene	13.503	105	350728	21.293	ug/l	99
86) p-Isopropyltoluene	13.619	119	278543	21.083	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	133699	21.310	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	131415	21.105	ug/l	98
89) n-Butylbenzene	13.946	91	222587	20.238	ug/l	99
90) Hexachloroethane	14.214	117	52738	19.003	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	130272	21.375	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	19166	20.971	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	55283	18.435	ug/l	98
94) Hexachlorobutadiene	15.373	225	32341	18.636	ug/l	99
95) Naphthalene	15.509	128	149219	18.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	53483	18.643	ug/l	99

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

