

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069046.D
 Acq On : 20 Oct 2021 00:56
 Operator : JC/MD
 Sample : VN1019WBS03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBS03

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:47:31 PM

Quant Time: Oct 20 05:52:10 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	277170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	508962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	469577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	191126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	208904	57.165	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.340%			
35) Dibromofluoromethane	8.024	113	160475	54.193	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.380%			
50) Toluene-d8	10.443	98	646576	54.572	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.140%			
62) 4-Bromofluorobenzene	12.734	95	232432	51.996	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	54667	16.688	ug/l	99
3) Chloromethane	2.301	50	60194	17.768	ug/l	100
4) Vinyl Chloride	2.443	62	71217	20.697	ug/l	98
5) Bromomethane	2.851	94	47446	25.068	ug/l	97
6) Chloroethane	3.014	64	45645	22.509	ug/l	95
7) Trichlorofluoromethane	3.374	101	90219	18.724	ug/l	99
8) Diethyl Ether	3.829	74	33249	18.500	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.218	101	47622	18.381	ug/l	99
10) Methyl Iodide	4.428	142	60437	16.072	ug/l	98
11) Tert butyl alcohol	5.364	59	57826	86.598	ug/l	99
12) 1,1-Dichloroethene	4.186	96	46708	17.440	ug/l	95
13) Acrolein	4.047	56	26715	90.438	ug/l	97
14) Allyl chloride	4.846	41	79071	16.470	ug/l	95
15) Acrylonitrile	5.557	53	140052	93.602	ug/l	98
16) Acetone	4.291	43	116983	85.781	ug/l	100
17) Carbon Disulfide	4.535	76	117110	16.112	ug/l	99
18) Methyl Acetate	4.859	43	103756	20.058	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	183802	18.431	ug/l	99
20) Methylene Chloride	5.103	84	58048	18.493	ug/l	95
21) trans-1,2-Dichloroethene	5.602	96	49991	17.278	ug/l	95
22) Diisopropyl ether	6.498	45	177402	17.768	ug/l	99
23) Vinyl Acetate	6.436	43	668256	88.536	ug/l	99
24) 1,1-Dichloroethane	6.393	63	99721	18.383	ug/l	99
25) 2-Butanone	7.337	43	191072	92.654	ug/l	98
26) 2,2-Dichloropropane	7.329	77	69423	13.429	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	62025	17.734	ug/l	96
28) Bromochloromethane	7.659	49	44697	18.192	ug/l	96
29) Tetrahydrofuran	7.686	42	127383	95.229	ug/l	98
30) Chloroform	7.820	83	106456	18.621	ug/l	99
31) Cyclohexane	8.096	56	92820	16.336	ug/l	93
32) 1,1,1-Trichloroethane	8.019	97	92771	17.408	ug/l	99
36) 1,1-Dichloropropene	8.223	75	75634	17.398	ug/l	99
37) Ethyl Acetate	7.413	43	79717	17.755	ug/l	98
38) Carbon Tetrachloride	8.209	117	79590	16.670	ug/l	98
39) Methylcyclohexane	9.464	83	91777	16.402	ug/l	97
40) Benzene	8.464	78	231688	17.502	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	37917	16.753	ug/l	91
42) 1,2-Dichloroethane	8.531	62	84533	18.033	ug/l	100
43) Isopropyl Acetate	8.563	43	144300	18.215	ug/l	98
44) Trichloroethene	9.218	130	56549	17.068	ug/l	99
45) 1,2-Dichloropropane	9.494	63	60649	17.656	ug/l	94
46) Dibromomethane	9.580	93	41790	17.822	ug/l	97
47) Bromodichloromethane	9.765	83	83193	17.121	ug/l	99
48) Methyl methacrylate	9.561	41	59814	16.069	ug/l	88
49) 1,4-Dioxane	9.572	88	23403	346.727	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	419228	91.266	ug/l	99
52) Toluene	10.508	92	150968	17.726	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	86853	15.780	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	90681	15.835	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	60226	17.936	ug/l	99
56) Ethyl methacrylate	10.762	69	98842	17.532	ug/l	97
57) 1,3-Dichloropropane	11.047	76	101800	18.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	122369	87.006	ug/l	100
59) 2-Hexanone	11.087	43	302127	91.716	ug/l	100
60) Dibromochloromethane	11.240	129	60310	15.912	ug/l	98
61) 1,2-Dibromoethane	11.347	107	61410	17.830	ug/l	99
64) Tetrachloroethene	10.980	164	47989	15.864	ug/l	99
65) Chlorobenzene	11.773	112	160753	18.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	58000	16.677	ug/l	97
67) Ethyl Benzene	11.846	91	291946	17.688	ug/l	99
68) m/p-Xylenes	11.956	106	219924	35.148	ug/l	100
69) o-Xylene	12.283	106	110301	17.611	ug/l	99
70) Styrene	12.296	104	176790	17.341	ug/l	99
71) Bromoform	12.460	173	41842	15.018	ug/l #	100
73) Isopropylbenzene	12.581	105	285657	17.956	ug/l	99
74) N-amyl acetate	12.390	43	109837	18.224	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	90604	19.708	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	75314m	18.520	ug/l	
77) Bromobenzene	12.862	156	63099	17.937	ug/l	99
78) n-propylbenzene	12.924	91	320314	17.917	ug/l	99
79) 2-Chlorotoluene	13.010	91	199656	18.119	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	237281	17.907	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	24695	14.528	ug/l	94
82) 4-Chlorotoluene	13.106	91	190910	17.929	ug/l	100
83) tert-Butylbenzene	13.326	119	210870	18.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	231441	18.128	ug/l	99
85) sec-Butylbenzene	13.503	105	286827	17.955	ug/l	99
86) p-Isopropyltoluene	13.619	119	226294	17.661	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	110011	18.080	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	108197	17.916	ug/l	99
89) n-Butylbenzene	13.946	91	180639	16.934	ug/l	99
90) Hexachloroethane	14.214	117	43814	16.278	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	108503	18.357	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	15913	17.953	ug/l	96
93) 1,2,4-Trichlorobenzene	15.268	180	46451	16.319	ug/l	99
94) Hexachlorobutadiene	15.373	225	26919	15.994	ug/l	97
95) Naphthalene	15.509	128	138163	18.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	46722	17.042	ug/l	97

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

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