

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069022.D
 Acq On : 19 Oct 2021 13:28
 Operator : JC/MD
 Sample : VN1019WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:47:19 PM

Quant Time: Oct 20 05:47:38 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	308035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	538795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	497521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	212195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217085	53.452	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.900%			
35) Dibromofluoromethane	8.021	113	167983	53.587	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.180%			
50) Toluene-d8	10.443	98	672737	53.636	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.734	95	250542	52.944	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	68794	18.732	ug/l	100
3) Chloromethane	2.301	50	75912	20.162	ug/l	99
4) Vinyl Chloride	2.443	62	89286	23.348	ug/l	98
5) Bromomethane	2.850	94	61242	29.114	ug/l	97
6) Chloroethane	3.014	64	56761	25.186	ug/l	98
7) Trichlorofluoromethane	3.373	101	114201	21.326	ug/l	98
8) Diethyl Ether	3.824	74	40905	20.479	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	64381	22.359	ug/l	98
10) Methyl Iodide	4.427	142	75360	18.033	ug/l	98
11) Tert butyl alcohol	5.372	59	71983	96.997	ug/l	100
12) 1,1-Dichloroethene	4.186	96	60902	20.462	ug/l	98
13) Acrolein	4.049	56	27412	83.499	ug/l	100
14) Allyl chloride	4.843	41	106340	19.930	ug/l	96
15) Acrylonitrile	5.554	53	175390	105.474	ug/l	100
16) Acetone	4.285	43	164844	108.764	ug/l	99
17) Carbon Disulfide	4.535	76	154945	19.182	ug/l	99
18) Methyl Acetate	4.857	43	125815	21.886	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	230384	20.787	ug/l	98
20) Methylene Chloride	5.101	84	73850	21.170	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	64077	19.927	ug/l	98
22) Diisopropyl ether	6.495	45	225757	20.346	ug/l	99
23) Vinyl Acetate	6.434	43	851547	101.515	ug/l	99
24) 1,1-Dichloroethane	6.391	63	127232	21.104	ug/l	99
25) 2-Butanone	7.335	43	244527	106.694	ug/l	98
26) 2,2-Dichloropropane	7.327	77	118075	20.551	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	77994	20.065	ug/l	98
28) Bromochloromethane	7.659	49	47082	17.243	ug/l	99
29) Tetrahydrofuran	7.686	42	155796	104.800	ug/l	97
30) Chloroform	7.817	83	132992	20.932	ug/l	98
31) Cyclohexane	8.096	56	121761	19.282	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	121174	20.459	ug/l	99
36) 1,1-Dichloropropene	8.222	75	98792	21.466	ug/l	99
37) Ethyl Acetate	7.412	43	98018	20.622	ug/l	100
38) Carbon Tetrachloride	8.209	117	102003	20.181	ug/l	97
39) Methylcyclohexane	9.462	83	126464	21.350	ug/l	97
40) Benzene	8.461	78	300347	21.432	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	48114	20.081	ug/l	93
42) 1,2-Dichloroethane	8.531	62	107971	21.757	ug/l	99
43) Isopropyl Acetate	8.560	43	177261	21.137	ug/l	100
44) Trichloroethene	9.217	130	72999	20.813	ug/l	97
45) 1,2-Dichloropropane	9.491	63	76986	21.171	ug/l	100
46) Dibromomethane	9.580	93	52167	21.016	ug/l	99
47) Bromodichloromethane	9.765	83	106866	20.776	ug/l	100
48) Methyl methacrylate	9.561	41	74331	18.864	ug/l	89
49) 1,4-Dioxane	9.569	88	30482	418.392	ug/l	93
51) 4-Methyl-2-Pentanone	10.330	43	516068	106.127	ug/l	100
52) Toluene	10.507	92	194524	21.575	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	117370	20.143	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	124703	20.570	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	74684	21.010	ug/l	97
56) Ethyl methacrylate	10.762	69	123492	20.691	ug/l	97
57) 1,3-Dichloropropane	11.044	76	128805	21.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	134260	89.491	ug/l	99
59) 2-Hexanone	11.087	43	372865	106.923	ug/l	99
60) Dibromochloromethane	11.240	129	78632	19.597	ug/l	100
61) 1,2-Dibromoethane	11.347	107	78220	21.453	ug/l	100
64) Tetrachloroethene	10.980	164	63855	19.924	ug/l	98
65) Chlorobenzene	11.773	112	205008	21.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	75890	20.595	ug/l	99
67) Ethyl Benzene	11.846	91	382784	21.888	ug/l	99
68) m/p-Xylenes	11.956	106	286692	43.246	ug/l	99
69) o-Xylene	12.283	106	142566	21.485	ug/l	100
70) Styrene	12.296	104	232056	21.483	ug/l	100
71) Bromoform	12.460	173	54926	18.607	ug/l #	98
73) Isopropylbenzene	12.581	105	377090	21.350	ug/l	99
74) N-amyl acetate	12.390	43	139064	20.782	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	115215	22.573	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	93839m	20.784	ug/l	
77) Bromobenzene	12.862	156	82536	21.133	ug/l	99
78) n-propylbenzene	12.921	91	431617	21.746	ug/l	99
79) 2-Chlorotoluene	13.010	91	265531	21.704	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	314788	21.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	34791	18.436	ug/l	96
82) 4-Chlorotoluene	13.106	91	257201	21.756	ug/l	99
83) tert-Butylbenzene	13.326	119	271956	21.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	308022	21.731	ug/l	99
85) sec-Butylbenzene	13.503	105	389207	21.945	ug/l	99
86) p-Isopropyltoluene	13.619	119	310246	21.809	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	147911	21.895	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	143869	21.457	ug/l	98
89) n-Butylbenzene	13.946	91	256025	21.618	ug/l	100
90) Hexachloroethane	14.214	117	59291	19.841	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	139890	21.317	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	20734	21.069	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	61286	18.903	ug/l	99
94) Hexachlorobutadiene	15.373	225	37620	20.133	ug/l	99
95) Naphthalene	15.507	128	164135	19.209	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	59463	19.168	ug/l	98

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

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