

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069055.D
 Acq On : 20 Oct 2021 12:14
 Operator : JC/MD
 Sample : VN1020WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2021 6:55:19 PM

Quant Time: Oct 20 16:39:35 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	304355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	534515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	491778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	211837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	187730	46.783	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.560%		
35) Dibromofluoromethane	8.024	113	145368	46.744	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.480%		
50) Toluene-d8	10.443	98	586061	47.099	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.200%		
62) 4-Bromofluorobenzene	12.733	95	216018	46.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	68191	18.789	ug/l	98
3) Chloromethane	2.303	50	74229	19.954	ug/l	100
4) Vinyl Chloride	2.445	62	87308	23.107	ug/l	98
5) Bromomethane	2.858	94	59267	28.516	ug/l	97
6) Chloroethane	3.019	64	55835	25.074	ug/l	99
7) Trichlorofluoromethane	3.379	101	113730	21.495	ug/l	100
8) Diethyl Ether	3.829	74	40999	20.774	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.218	101	63447	22.301	ug/l	99
10) Methyl Iodide	4.427	142	75618	18.313	ug/l	98
11) Tert butyl alcohol	5.363	59	63686	86.855	ug/l	99
12) 1,1-Dichloroethene	4.191	96	59066	20.085	ug/l	98
13) Acrolein	4.049	56	25379	78.241	ug/l	99
14) Allyl chloride	4.846	41	102031	19.354	ug/l	97
15) Acrylonitrile	5.556	53	164892	100.360	ug/l	99
16) Acetone	4.288	43	151575	101.218	ug/l	97
17) Carbon Disulfide	4.537	76	149821	18.772	ug/l	100
18) Methyl Acetate	4.854	43	117193	20.632	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	227396	20.766	ug/l	98
20) Methylene Chloride	5.098	84	72714	21.097	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	64054	20.161	ug/l	99
22) Diisopropyl ether	6.498	45	221672	20.219	ug/l	99
23) Vinyl Acetate	6.433	43	824667	99.500	ug/l	100
24) 1,1-Dichloroethane	6.391	63	126751	21.279	ug/l	98
25) 2-Butanone	7.337	43	223869	98.861	ug/l	98
26) 2,2-Dichloropropane	7.329	77	117087	20.626	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	78266	20.378	ug/l	99
28) Bromochloromethane	7.659	49	43435	16.100	ug/l	98
29) Tetrahydrofuran	7.683	42	143674	97.815	ug/l	97
30) Chloroform	7.820	83	133734	21.303	ug/l	98
31) Cyclohexane	8.099	56	121634	19.495	ug/l	93
32) 1,1,1-Trichloroethane	8.018	97	118344	20.223	ug/l	98
36) 1,1-Dichloropropene	8.225	75	98785	21.637	ug/l	98
37) Ethyl Acetate	7.412	43	93687	19.869	ug/l	99
38) Carbon Tetrachloride	8.212	117	102517	20.445	ug/l	100
39) Methylcyclohexane	9.461	83	124870	21.250	ug/l	99
40) Benzene	8.464	78	292402	21.032	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	48382	20.355	ug/l	97
42) 1,2-Dichloroethane	8.531	62	104740	21.275	ug/l	100
43) Isopropyl Acetate	8.560	43	172785	20.768	ug/l	99
44) Trichloroethene	9.217	130	73000	20.980	ug/l	99
45) 1,2-Dichloropropane	9.491	63	76184	21.118	ug/l	95
46) Dibromomethane	9.579	93	51903	21.077	ug/l	98
47) Bromodichloromethane	9.764	83	104626	20.503	ug/l	99
48) Methyl methacrylate	9.561	41	76157	19.482	ug/l	96
49) 1,4-Dioxane	9.571	88	25776	361.891	ug/l	98
51) 4-Methyl-2-Pentanone	10.330	43	477864	99.057	ug/l	99
52) Toluene	10.507	92	190652	21.315	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	117133	20.264	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	124142	20.642	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	74056	21.000	ug/l	98
56) Ethyl methacrylate	10.762	69	117909	19.914	ug/l	98
57) 1,3-Dichloropropane	11.046	76	127010	21.842	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	112386	78.441	ug/l	98
59) 2-Hexanone	11.087	43	342657	99.047	ug/l	100
60) Dibromochloromethane	11.240	129	76828	19.301	ug/l	100
61) 1,2-Dibromoethane	11.347	107	75785	20.951	ug/l	100
64) Tetrachloroethene	10.979	164	63499	20.044	ug/l	94
65) Chlorobenzene	11.771	112	201753	21.680	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	75623	20.762	ug/l	99
67) Ethyl Benzene	11.846	91	379570	21.958	ug/l	99
68) m/p-Xylenes	11.956	106	287039	43.804	ug/l	99
69) o-Xylene	12.283	106	140749	21.458	ug/l	99
70) Styrene	12.296	104	227757	21.331	ug/l	99
71) Bromoform	12.460	173	52359	17.945	ug/l #	99
73) Isopropylbenzene	12.581	105	373139	21.162	ug/l	99
74) N-amyl acetate	12.390	43	128573	19.247	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	109034	21.398	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	90556m	20.091	ug/l	
77) Bromobenzene	12.862	156	80999	20.775	ug/l	100
78) n-propylbenzene	12.921	91	425450	21.471	ug/l	99
79) 2-Chlorotoluene	13.010	91	262734	21.512	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	310811	21.163	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	32193	17.088	ug/l	95
82) 4-Chlorotoluene	13.106	91	253079	21.444	ug/l	99
83) tert-Butylbenzene	13.326	119	271472	21.234	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	301948	21.338	ug/l	100
85) sec-Butylbenzene	13.503	105	383517	21.660	ug/l	99
86) p-Isopropyltoluene	13.618	119	306711	21.597	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	143849	21.329	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	140342	20.967	ug/l	98
89) n-Butylbenzene	13.946	91	248460	21.015	ug/l	99
90) Hexachloroethane	14.211	117	57266	19.196	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	137547	20.995	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	18635	18.968	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	60080	18.610	ug/l	98
94) Hexachlorobutadiene	15.372	225	36553	19.595	ug/l	98
95) Naphthalene	15.507	128	147429	17.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	56795	18.447	ug/l	98

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

