

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068012.D
 Acq On : 5 Aug 2021 13:34
 Operator : JC/MD
 Sample : VN0805WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:43:06 PM

Quant Time: Aug 05 15:55:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	401111	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	719201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	674700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	300808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	304372	53.602	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.200%			
35) Dibromofluoromethane	8.021	113	234214	55.880	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.760%			
50) Toluene-d8	10.443	98	949161	49.140	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.280%			
62) 4-Bromofluorobenzene	12.734	95	327183	46.588	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	78722	19.154	ug/l	99
3) Chloromethane	2.301	50	92676	18.152	ug/l	99
4) Vinyl Chloride	2.443	62	139987	17.574	ug/l	96
5) Bromomethane	2.853	94	120866	17.025	ug/l	99
6) Chloroethane	3.017	64	111881	18.114	ug/l	97
7) Trichlorofluoromethane	3.371	101	272326	18.867	ug/l	99
8) Diethyl Ether	3.819	74	48343	17.625	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.200	101	80471	19.339	ug/l	95
10) Methyl Iodide	4.419	142	92558	19.087	ug/l	91
11) Tert butyl alcohol	5.388	59	69183	90.933	ug/l	# 92
12) 1,1-Dichloroethene	4.173	96	74228	19.516	ug/l	87
13) Acrolein	4.041	56	63210	122.424	ug/l	100
14) Allyl chloride	4.835	41	120040	18.584	ug/l	94
15) Acrylonitrile	5.559	53	204679	95.985	ug/l	99
16) Acetone	4.285	43	210445	101.571	ug/l	93
17) Carbon Disulfide	4.524	76	197536	17.908	ug/l	99
18) Methyl Acetate	4.857	43	95289	19.065	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	273531	19.158	ug/l	98
20) Methylene Chloride	5.093	84	96575	20.016	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	83740	18.930	ug/l	90
22) Diisopropyl ether	6.498	45	274875	19.170	ug/l	96
23) Vinyl Acetate	6.434	43	1132456	89.464	ug/l	96
24) 1,1-Dichloroethane	6.388	63	159960	19.290	ug/l	99
25) 2-Butanone	7.340	43	288559	95.998	ug/l	96
26) 2,2-Dichloropropane	7.327	77	139542	19.240	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	100765	19.161	ug/l	85
28) Bromochloromethane	7.657	49	68980	17.441	ug/l	# 84
29) Tetrahydrofuran	7.689	42	181116	94.093	ug/l	91
30) Chloroform	7.820	83	175795	19.142	ug/l	100
31) Cyclohexane	8.094	56	147362	17.592	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	155343	19.582	ug/l	99
36) 1,1-Dichloropropene	8.222	75	127680	19.193	ug/l	96
37) Ethyl Acetate	7.415	43	114969	18.363	ug/l	98
38) Carbon Tetrachloride	8.209	117	131986	20.174	ug/l	98
39) Methylcyclohexane	9.462	83	142701	19.849	ug/l	95
40) Benzene	8.461	78	383283	19.461	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	55213	18.512	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	140341	19.293	ug/l	96
43) Isopropyl Acetate	8.566	43	201445	19.309	ug/l	96
44) Trichloroethene	9.217	130	97983	19.669	ug/l	86
45) 1,2-Dichloropropane	9.491	63	97122	19.792	ug/l	99
46) Dibromomethane	9.580	93	68578	19.330	ug/l	95
47) Bromodichloromethane	9.762	83	135775	20.080	ug/l	99
48) Methyl methacrylate	9.563	41	84319	17.767	ug/l	88
49) 1,4-Dioxane	9.574	88	30350	365.724	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	619469	89.947	ug/l	96
52) Toluene	10.508	92	255937	19.999	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	139933	18.196	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	149037	18.311	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	95243	19.197	ug/l	98
56) Ethyl methacrylate	10.762	69	141182	17.944	ug/l	91
57) 1,3-Dichloropropane	11.047	76	161151	19.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	116060	83.927	ug/l	93
59) 2-Hexanone	11.087	43	449290	91.795	ug/l	95
60) Dibromochloromethane	11.242	129	99161	18.249	ug/l	100
61) 1,2-Dibromoethane	11.347	107	98130	19.259	ug/l	99
64) Tetrachloroethene	10.980	164	92956	19.237	ug/l	98
65) Chlorobenzene	11.773	112	269433	19.634	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	96891	18.712	ug/l	99
67) Ethyl Benzene	11.846	91	491985	20.133	ug/l	97
68) m/p-Xylenes	11.956	106	382148	38.404	ug/l	84
69) o-Xylene	12.283	106	181276	20.178	ug/l	88
70) Styrene	12.296	104	299680	18.656	ug/l	94
71) Bromoform	12.460	173	67313	18.381	ug/l #	97
73) Isopropylbenzene	12.583	105	464506	18.927	ug/l	98
74) N-amyl acetate	12.390	43	156245	18.316	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	140502	18.945	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	117587m	19.464	ug/l	
77) Bromobenzene	12.862	156	108406	19.238	ug/l	76
78) n-propylbenzene	12.924	91	542347	19.582	ug/l	96
79) 2-Chlorotoluene	13.010	91	322985	19.135	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	389103	19.560	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	35933	18.932	ug/l	97
82) 4-Chlorotoluene	13.106	91	322820	19.049	ug/l	91
83) tert-Butylbenzene	13.326	119	325415	19.674	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	385194	19.986	ug/l	94
85) sec-Butylbenzene	13.506	105	459236	19.849	ug/l	97
86) p-Isopropyltoluene	13.619	119	366145	19.891	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	197394	19.071	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	198071	19.379	ug/l	96
89) n-Butylbenzene	13.946	91	300138	19.015	ug/l	98
90) Hexachloroethane	14.214	117	63491	20.166	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	186575	19.144	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23305	19.683	ug/l	77
93) 1,2,4-Trichlorobenzene	15.268	180	74887	18.767	ug/l	98
94) Hexachlorobutadiene	15.375	225	40311	19.905	ug/l	98
95) Naphthalene	15.507	128	201932	18.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	72232	19.018	ug/l	99

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

