

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066936.D
 Acq On : 4 May 2021 15:28
 Operator : JC/MD
 Sample : VN0504WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:33:03 PM

Quant Time: May 05 05:23:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 13:11:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	457965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	800408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	749304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	329607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	370887	51.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.90%			
35) Dibromofluoromethane	7.512	113	265680	48.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.76%			
50) Toluene-d8	10.030	98	1031553	49.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.68%			
62) 4-Bromofluorobenzene	12.347	95	371712	53.04	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.08%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.834	85	110443	17.85	ug/l	97
3) Chloromethane	2.035	50	169493	19.10	ug/l	98
4) Vinyl Chloride	2.161	62	157433	18.48	ug/l	97
5) Bromomethane	2.507	94	89646	19.78	ug/l	99
6) Chloroethane	2.655	64	93820	18.68	ug/l	100
7) Trichlorofluoromethane	2.969	101	186422	18.43	ug/l	97
8) Diethyl Ether	3.355	74	73346	20.19	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.690	101	94328	18.34	ug/l	94
10) Methyl Iodide	3.880	142	120638	17.79	ug/l	90
11) Tert butyl alcohol	4.717	59	117943	115.89	ug/l	99
12) 1,1-Dichloroethene	3.668	96	91972	18.37	ug/l	84
13) Acrolein	3.545	56	75978	89.73	ug/l	98
14) Allyl chloride	4.245	41	190300	18.95	ug/l	93
15) Acrylonitrile	4.897	53	313397	103.75	ug/l	97
16) Acetone	3.754	43	245076	96.65	ug/l	100
17) Carbon Disulfide	3.982	76	283917	18.30	ug/l	97
18) Methyl Acetate	4.250	43	150828	20.79	ug/l	97
19) Methyl tert-butyl Ether	4.953	73	352602	19.65	ug/l	99
20) Methylene Chloride	4.470	84	126493	19.67	ug/l	93
21) trans-1,2-Dichloroethene	4.948	96	101165	18.58	ug/l	89
22) Diisopropyl ether	5.865	45	388516	19.12	ug/l	93
23) Vinyl Acetate	5.806	43	1612479	99.12	ug/l	97
24) 1,1-Dichloroethane	5.758	63	220406	18.76	ug/l	98
25) 2-Butanone	6.747	43	382025	102.18	ug/l	94
26) 2,2-Dichloropropane	6.734	77	180802	18.33	ug/l	95
27) cis-1,2-Dichloroethene	6.739	96	120885	19.37	ug/l	90
28) Bromochloromethane	7.109	49	101307	18.65	ug/l	82
29) Tetrahydrofuran	7.128	42	257887	103.95	ug/l	96
30) Chloroform	7.295	83	210328	18.76	ug/l	96
31) Cyclohexane	7.576	56	186795	18.42	ug/l	94
32) 1,1,1-Trichloroethane	7.493	97	180004	18.61	ug/l	98
36) 1,1-Dichloropropene	7.716	75	145147	17.41	ug/l	97
37) Ethyl Acetate	6.847	43	167462	19.71	ug/l	98
38) Carbon Tetrachloride	7.697	117	156263	17.98	ug/l	97
39) Methylcyclohexane	9.014	83	164546	17.71	ug/l	91
40) Benzene	7.968	78	474801	18.14	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.104	41	81434m	22.31	ug/l	
42) 1,2-Dichloroethane	8.051	62	174622	18.70	ug/l	98
43) Isopropyl Acetate	8.094	43	267244	19.37	ug/l #	88
44) Trichloroethene	8.770	130	103716	17.99	ug/l	94
45) 1,2-Dichloropropane	9.054	63	134186	18.35	ug/l	99
46) Dibromomethane	9.142	93	82026	19.02	ug/l	89
47) Bromodichloromethane	9.338	83	170987	18.34	ug/l	99
48) Methyl methacrylate	9.137	41	117040	19.15	ug/l	94
49) 1,4-Dioxane	9.140	88	41446	427.79	ug/l	88
51) 4-Methyl-2-Pentanone	9.923	43	813915	102.07	ug/l	97
52) Toluene	10.095	92	281603	18.31	ug/l	99
53) t-1,3-Dichloropropene	10.325	75	184843	18.59	ug/l	98
54) cis-1,3-Dichloropropene	9.778	75	201718	18.38	ug/l	99
55) 1,1,2-Trichloroethane	10.502	97	116167	19.04	ug/l	94
56) Ethyl methacrylate	10.373	69	159795	20.10	ug/l	97
57) 1,3-Dichloropropane	10.647	76	206310	19.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.636	63	152178	104.13	ug/l	93
59) 2-Hexanone	10.695	43	506603	105.46	ug/l	99
60) Dibromochloromethane	10.843	129	127142	18.61	ug/l	99
61) 1,2-Dibromoethane	10.947	107	113471	19.09	ug/l	99
64) Tetrachloroethene	10.575	164	89854	17.55	ug/l	96
65) Chlorobenzene	11.374	112	295975	18.45	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	114922	18.48	ug/l	99
67) Ethyl Benzene	11.457	91	516555	18.29	ug/l	96
68) m/p-Xylenes	11.567	106	388035	36.92	ug/l	96
69) o-Xylene	11.894	106	191903	18.86	ug/l	95
70) Styrene	11.913	104	297213	19.54	ug/l	96
71) Bromoform	12.076	173	84140	18.72	ug/l #	95
73) Isopropylbenzene	12.197	105	489227	19.13	ug/l	99
74) N-amyl acetate	12.058	43	13204m	2.86	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.449	83	188658	21.05	ug/l	99
76) 1,2,3-Trichloropropane	12.500	75	174510m	22.22	ug/l	
77) Bromobenzene	12.471	156	122217	20.26	ug/l	84
78) n-propylbenzene	12.538	91	562138	19.37	ug/l	98
79) 2-Chlorotoluene	12.621	91	374158	19.68	ug/l	93
80) 1,3,5-Trimethylbenzene	12.680	105	432585	19.39	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.256	75	38069	19.05	ug/l	98
82) 4-Chlorotoluene	12.720	91	338948	18.52	ug/l	97
83) tert-Butylbenzene	12.940	119	365176	19.51	ug/l	97
84) 1,2,4-Trimethylbenzene	12.988	105	411663	19.33	ug/l	98
85) sec-Butylbenzene	13.117	105	463824	19.08	ug/l	98
86) p-Isopropyltoluene	13.238	119	390424	18.69	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	197950	18.92	ug/l	97
88) 1,4-Dichlorobenzene	13.310	146	198971	18.91	ug/l	95
89) n-Butylbenzene	13.565	91	304007	19.77	ug/l	96
90) Hexachloroethane	13.817	117	87191	18.54	ug/l	97
91) 1,2-Dichlorobenzene	13.603	146	208858	19.96	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.227	75	32118	20.22	ug/l	79
93) 1,2,4-Trichlorobenzene	14.858	180	102081	18.44	ug/l	93
94) Hexachlorobutadiene	14.949	225	65399	19.30	ug/l	98
95) Naphthalene	15.078	128	339415	23.45	ug/l	98
96) 1,2,3-Trichlorobenzene	15.255	180	113922	21.23	ug/l	98

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

