

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080921\
 Data File : VN068036.D
 Acq On : 9 Aug 2021 14:10
 Operator : JC/MD
 Sample : VN0809WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2021 7:28:12 PM

Quant Time: Aug 10 03:49:04 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	460238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	805677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	776483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	354271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	339289	52.074	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.140%			
35) Dibromofluoromethane	8.021	113	260288	55.435	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.880%			
50) Toluene-d8	10.443	98	1061315	49.056	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.120%			
62) 4-Bromofluorobenzene	12.733	95	377150	47.794	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	97934	20.767	ug/l	99
3) Chloromethane	2.301	50	115714	19.753	ug/l	98
4) Vinyl Chloride	2.443	62	176991	19.365	ug/l	96
5) Bromomethane	2.832	94	146276	17.958	ug/l	98
6) Chloroethane	3.006	64	139450	19.677	ug/l	99
7) Trichlorofluoromethane	3.365	101	331756	20.031	ug/l	99
8) Diethyl Ether	3.819	74	64272	20.423	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.199	101	102147	21.395	ug/l	94
10) Methyl Iodide	4.414	142	116097	20.575	ug/l	90
11) Tert butyl alcohol	5.385	59	90882	104.107	ug/l #	84
12) 1,1-Dichloroethene	4.170	96	93132	21.341	ug/l	84
13) Acrolein	4.036	56	70040	118.225	ug/l	98
14) Allyl chloride	4.835	41	155416	20.970	ug/l #	96
15) Acrylonitrile	5.554	53	264330	108.034	ug/l	100
16) Acetone	4.288	43	269600	113.405	ug/l	91
17) Carbon Disulfide	4.516	76	248339	19.621	ug/l	97
18) Methyl Acetate	4.856	43	124565	21.735	ug/l #	77
19) Methyl tert-butyl Ether	5.618	73	354490	21.639	ug/l	99
20) Methylene Chloride	5.090	84	118773	21.475	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	104899	20.667	ug/l	87
22) Diisopropyl ether	6.498	45	353195	21.468	ug/l	96
23) Vinyl Acetate	6.433	43	1469072	99.998	ug/l	96
24) 1,1-Dichloroethane	6.382	63	201678	21.196	ug/l	99
25) 2-Butanone	7.337	43	379385	109.999	ug/l	96
26) 2,2-Dichloropropane	7.324	77	180352	21.673	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	127481	21.127	ug/l	86
28) Bromochloromethane	7.659	49	96211	21.201	ug/l #	81
29) Tetrahydrofuran	7.689	42	226235	102.434	ug/l	90
30) Chloroform	7.820	83	220452	20.920	ug/l	99
31) Cyclohexane	8.094	56	187730	19.532	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	197426	21.690	ug/l	98
36) 1,1-Dichloropropene	8.222	75	158807	21.309	ug/l	94
37) Ethyl Acetate	7.415	43	142853	20.368	ug/l	97
38) Carbon Tetrachloride	8.204	117	168366	22.972	ug/l	99
39) Methylcyclohexane	9.459	83	180864	22.457	ug/l	92
40) Benzene	8.461	78	486628	22.056	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	71496	21.399	ug/l	92
42) 1,2-Dichloroethane	8.531	62	174701	21.439	ug/l	95
43) Isopropyl Acetate	8.563	43	257845	22.062	ug/l	95
44) Trichloroethene	9.217	130	125668	22.519	ug/l	89
45) 1,2-Dichloropropane	9.491	63	124876	22.717	ug/l	96
46) Dibromomethane	9.579	93	88211	22.195	ug/l	94
47) Bromodichloromethane	9.762	83	176176	23.259	ug/l	99
48) Methyl methacrylate	9.561	41	110583	20.407	ug/l	89
49) 1,4-Dioxane	9.569	88	42380	455.875	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	802732	102.076	ug/l	95
52) Toluene	10.507	92	327587	22.851	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	182857	20.753	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	192886	20.789	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	127328	22.909	ug/l	96
56) Ethyl methacrylate	10.762	69	183313	20.305	ug/l	90
57) 1,3-Dichloropropane	11.046	76	203924	22.501	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	126701	82.385	ug/l	93
59) 2-Hexanone	11.087	43	581664	104.016	ug/l	93
60) Dibromochloromethane	11.240	129	132022	21.066	ug/l	99
61) 1,2-Dibromoethane	11.347	107	130985	22.948	ug/l	99
64) Tetrachloroethene	10.979	164	118407	21.291	ug/l	96
65) Chlorobenzene	11.773	112	346266	21.925	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	127723	21.165	ug/l	99
67) Ethyl Benzene	11.848	91	627117	22.299	ug/l	95
68) m/p-Xylenes	11.956	106	491296	42.425	ug/l	86
69) o-Xylene	12.283	106	235964	22.822	ug/l	86
70) Styrene	12.296	104	388748	20.693	ug/l	93
71) Bromoform	12.463	173	86018	19.965	ug/l #	100
73) Isopropylbenzene	12.581	105	610916	21.136	ug/l	97
74) N-amyl acetate	12.390	43	207375	20.641	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	180827	20.703	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	151904m	21.350	ug/l	
77) Bromobenzene	12.862	156	141116	21.263	ug/l	75
78) n-propylbenzene	12.921	91	714946	21.919	ug/l	96
79) 2-Chlorotoluene	13.010	91	426088	21.434	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	509847	21.762	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	47410	20.774	ug/l	98
82) 4-Chlorotoluene	13.109	91	424751	21.282	ug/l	90
83) tert-Butylbenzene	13.326	119	417408	21.427	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	504542	22.228	ug/l	93
85) sec-Butylbenzene	13.503	105	598714	21.972	ug/l	96
86) p-Isopropyltoluene	13.618	119	489386	22.574	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	266371	21.852	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	260777	21.663	ug/l	95
89) n-Butylbenzene	13.946	91	400134	21.525	ug/l	98
90) Hexachloroethane	14.214	117	84266	22.725	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	251681	21.927	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	28889	20.717	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	100683	21.075	ug/l	99
94) Hexachlorobutadiene	15.372	225	54982	23.052	ug/l	98
95) Naphthalene	15.509	128	264421	19.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	94768	20.916	ug/l	99

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

