

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068478.D
 Acq On : 15 Sep 2021 12:37
 Operator : JC/MD
 Sample : VN0915WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 7:24:18 PM

Quant Time: Sep 15 16:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	550689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	807018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	757840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	383088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	279523	55.335	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.660%			
35) Dibromofluoromethane	8.024	113	259134	53.239	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.480%			
50) Toluene-d8	10.443	98	985987	55.767	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.540%			
62) 4-Bromofluorobenzene	12.734	95	321853	56.889	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	84064	18.696	ug/l	96
3) Chloromethane	2.303	50	82461	18.288	ug/l	99
4) Vinyl Chloride	2.443	62	139386	20.442	ug/l	100
5) Bromomethane	2.856	94	142646	21.516	ug/l	99
6) Chloroethane	3.017	64	102492	20.416	ug/l	99
7) Trichlorofluoromethane	3.374	101	166210	19.435	ug/l	99
8) Diethyl Ether	3.829	74	50607	19.620	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	93934	19.877	ug/l	98
10) Methyl Iodide	4.425	142	119160	17.679	ug/l	99
11) Tert butyl alcohol	5.369	59	75756	100.550	ug/l #	89
12) 1,1-Dichloroethene	4.183	96	84060	19.429	ug/l	97
13) Acrolein	4.044	56	24724	65.912	ug/l	97
14) Allyl chloride	4.843	41	107606	19.580	ug/l	99
15) Acrylonitrile	5.557	53	190819	99.065	ug/l	99
16) Acetone	4.288	43	151656	90.724	ug/l	98
17) Carbon Disulfide	4.535	76	218203	18.782	ug/l	100
18) Methyl Acetate	4.859	43	91912	19.868	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	289973	20.002	ug/l	99
20) Methylene Chloride	5.095	84	104035	21.281	ug/l	98
21) trans-1,2-Dichloroethene	5.597	96	95585	19.351	ug/l	99
22) Diisopropyl ether	6.495	45	245539	20.634	ug/l	94
23) Vinyl Acetate	6.434	43	922104m	103.684	ug/l	
24) 1,1-Dichloroethane	6.391	63	160495	19.905	ug/l	99
25) 2-Butanone	7.335	43	242400	98.750	ug/l	99
26) 2,2-Dichloropropane	7.327	77	149261	20.051	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	114858	19.798	ug/l	99
28) Bromochloromethane	7.659	49	58780	18.734	ug/l	95
29) Tetrahydrofuran	7.686	42	160593	100.215	ug/l	99
30) Chloroform	7.820	83	193960	20.334	ug/l	99
31) Cyclohexane	8.096	56	150331	19.638	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	183904	20.781	ug/l	99
36) 1,1-Dichloropropene	8.223	75	135808	20.185	ug/l	98
37) Ethyl Acetate	7.410	43	101692	19.870	ug/l	99
38) Carbon Tetrachloride	8.209	117	170186	21.114	ug/l	98
39) Methylcyclohexane	9.462	83	170781	20.063	ug/l	99
40) Benzene	8.464	78	413621	20.768	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	48241	19.154	ug/l	96
42) 1,2-Dichloroethane	8.534	62	140415	20.349	ug/l	99
43) Isopropyl Acetate	8.560	43	182410	20.201	ug/l	98
44) Trichloroethene	9.218	130	128220	20.334	ug/l	98
45) 1,2-Dichloropropane	9.491	63	96881	20.376	ug/l	99
46) Dibromomethane	9.580	93	78904	20.616	ug/l	96
47) Bromodichloromethane	9.762	83	152795	21.039	ug/l	99
48) Methyl methacrylate	9.561	41	74681	19.806	ug/l	94
49) 1,4-Dioxane	9.569	88	37369	432.024	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	543461	105.433	ug/l	98
52) Toluene	10.508	92	287225	21.736	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	151308	21.747	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	161228	21.147	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	112023	21.362	ug/l	97
56) Ethyl methacrylate	10.762	69	141005	21.650	ug/l	99
57) 1,3-Dichloropropane	11.047	76	171393	21.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	83204	152.755	ug/l	99
59) 2-Hexanone	11.087	43	365043	105.747	ug/l	98
60) Dibromochloromethane	11.240	129	133291	21.597	ug/l	99
61) 1,2-Dibromoethane	11.347	107	118224	21.264	ug/l	99
64) Tetrachloroethene	10.980	164	134469	20.020	ug/l	97
65) Chlorobenzene	11.773	112	324999	20.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	132750	21.688	ug/l	98
67) Ethyl Benzene	11.849	91	536527	21.056	ug/l	98
68) m/p-Xylenes	11.956	106	449425	43.803	ug/l	98
69) o-Xylene	12.283	106	215877	21.594	ug/l	97
70) Styrene	12.296	104	342241	22.587	ug/l	100
71) Bromoform	12.460	173	102644	21.873	ug/l #	100
73) Isopropylbenzene	12.581	105	554342	20.342	ug/l	100
74) N-amyl acetate	12.393	43	121301	19.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	149452	19.563	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	127357m	21.060	ug/l	
77) Bromobenzene	12.862	156	149371	19.817	ug/l	96
78) n-propylbenzene	12.924	91	595062	20.680	ug/l	99
79) 2-Chlorotoluene	13.010	91	364248	20.533	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	472965	21.365	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	38148	22.069	ug/l	97
82) 4-Chlorotoluene	13.109	91	355339	20.772	ug/l	99
83) tert-Butylbenzene	13.326	119	427842	21.167	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	449900	21.190	ug/l	99
85) sec-Butylbenzene	13.503	105	557006	20.900	ug/l	99
86) p-Isopropyltoluene	13.619	119	471883	20.977	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	259817	19.867	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	260285	20.193	ug/l	99
89) n-Butylbenzene	13.946	91	317578	19.380	ug/l	99
90) Hexachloroethane	14.211	117	86810	21.985	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	255912	20.286	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	23809	19.635	ug/l	91
93) 1,2,4-Trichlorobenzene	15.268	180	100719	17.482	ug/l	99
94) Hexachlorobutadiene	15.373	225	72657	19.515	ug/l	99
95) Naphthalene	15.509	128	186732	14.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	93021	16.912	ug/l	98

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

