

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090921\
 Data File : VN068440.D
 Acq On : 9 Sep 2021 14:29
 Operator : JC/MD
 Sample : VN0909WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:47:02 PM

Quant Time: Sep 10 04:08:26 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	609037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	879865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	814188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	411131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	305575	54.697	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.400%			
35) Dibromofluoromethane	8.024	113	283788	53.477	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.960%			
50) Toluene-d8	10.443	98	1058019	54.887	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.780%			
62) 4-Bromofluorobenzene	12.734	95	339930	55.110	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	93151	18.733	ug/l	100
3) Chloromethane	2.303	50	88629	17.772	ug/l	98
4) Vinyl Chloride	2.446	62	138890	18.418	ug/l	100
5) Bromomethane	2.853	94	139520	19.028	ug/l	99
6) Chloroethane	3.019	64	106673	19.213	ug/l	97
7) Trichlorofluoromethane	3.373	101	176647	18.677	ug/l	97
8) Diethyl Ether	3.829	74	57466	20.145	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	100691	19.265	ug/l	98
10) Methyl Iodide	4.425	142	143241	19.215	ug/l	99
11) Tert butyl alcohol	5.366	59	81469	97.397	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	91329	19.087	ug/l	98
13) Acrolein	4.044	56	37459	90.296	ug/l	98
14) Allyl chloride	4.843	41	114548	18.846	ug/l	99
15) Acrylonitrile	5.557	53	208446	97.849	ug/l	97
16) Acetone	4.288	43	169005	91.417	ug/l	99
17) Carbon Disulfide	4.535	76	238475	18.561	ug/l	99
18) Methyl Acetate	4.857	43	98861	19.273	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	323842	20.198	ug/l	99
20) Methylene Chloride	5.098	84	112222	20.722	ug/l	99
21) trans-1,2-Dichloroethene	5.600	96	103919	19.023	ug/l	97
22) Diisopropyl ether	6.498	45	266963	20.285	ug/l	97
23) Vinyl Acetate	6.436	43	1020846	103.790	ug/l	99
24) 1,1-Dichloroethane	6.388	63	172621	19.358	ug/l	98
25) 2-Butanone	7.335	43	262171	96.572	ug/l	99
26) 2,2-Dichloropropane	7.327	77	157702	19.155	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	125216	19.516	ug/l	99
28) Bromochloromethane	7.659	49	56416	16.258	ug/l	98
29) Tetrahydrofuran	7.686	42	178030	100.453	ug/l	97
30) Chloroform	7.820	83	203649	19.304	ug/l	99
31) Cyclohexane	8.096	56	155938	18.419	ug/l	98
32) 1,1,1-Trichloroethane	8.013	97	190799	19.495	ug/l	98
36) 1,1-Dichloropropene	8.222	75	140419	19.142	ug/l	100
37) Ethyl Acetate	7.413	43	116679	20.910	ug/l	98
38) Carbon Tetrachloride	8.209	117	174845	19.896	ug/l	99
39) Methylcyclohexane	9.462	83	182376	19.651	ug/l	99
40) Benzene	8.461	78	438029	20.173	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	52420	19.090	ug/l	95
42) 1,2-Dichloroethane	8.531	62	152224	20.234	ug/l	100
43) Isopropyl Acetate	8.560	43	198405	20.154	ug/l	100
44) Trichloroethene	9.220	130	135819	19.756	ug/l	98
45) 1,2-Dichloropropane	9.491	63	103961	20.055	ug/l	99
46) Dibromomethane	9.580	93	83744	20.069	ug/l	98
47) Bromodichloromethane	9.765	83	162355	20.505	ug/l	98
48) Methyl methacrylate	9.561	41	87322	21.241	ug/l	96
49) 1,4-Dioxane	9.572	88	38521	408.471	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	580050	103.215	ug/l	98
52) Toluene	10.508	92	297307	20.637	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	164161	21.641	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	176675	21.254	ug/l	100
55) 1,1,2-Trichloroethane	10.902	97	121629	21.274	ug/l	96
56) Ethyl methacrylate	10.762	69	154077	21.698	ug/l	98
57) 1,3-Dichloropropane	11.047	76	182272	20.687	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	85916	146.316	ug/l	99
59) 2-Hexanone	11.087	43	393034	104.429	ug/l	97
60) Dibromochloromethane	11.240	129	144928	21.538	ug/l	99
61) 1,2-Dibromoethane	11.350	107	125509	20.705	ug/l	98
64) Tetrachloroethene	10.980	164	139244	19.296	ug/l	97
65) Chlorobenzene	11.773	112	332482	19.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	133290	20.269	ug/l	99
67) Ethyl Benzene	11.849	91	551019	20.128	ug/l	100
68) m/p-Xylenes	11.956	106	457315	41.487	ug/l	96
69) o-Xylene	12.283	106	222237	20.692	ug/l	96
70) Styrene	12.296	104	354022	21.748	ug/l	99
71) Bromoform	12.460	173	105970	21.019	ug/l #	100
73) Isopropylbenzene	12.581	105	557516	19.063	ug/l	100
74) N-amyl acetate	12.390	43	131346	20.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	154513	18.846	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	133542m	20.577	ug/l	
77) Bromobenzene	12.862	156	152075	18.799	ug/l	94
78) n-propylbenzene	12.924	91	605748	19.616	ug/l	100
79) 2-Chlorotoluene	13.010	91	376787	19.792	ug/l	97
80) 1,3,5-Trimethylbenzene	13.063	105	481118	20.251	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	38874	20.955	ug/l	97
82) 4-Chlorotoluene	13.106	91	368769	20.086	ug/l	98
83) tert-Butylbenzene	13.326	119	439977	20.283	ug/l	97
84) 1,2,4-Trimethylbenzene	13.372	105	470140	20.633	ug/l	98
85) sec-Butylbenzene	13.503	105	569525	19.912	ug/l	99
86) p-Isopropyltoluene	13.619	119	484796	20.081	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	280729	20.001	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	276648	19.998	ug/l	97
89) n-Butylbenzene	13.946	91	339372	19.297	ug/l	98
90) Hexachloroethane	14.214	117	86120	20.322	ug/l	89
91) 1,2-Dichlorobenzene	13.991	146	271088	20.023	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	25873	19.881	ug/l	86
93) 1,2,4-Trichlorobenzene	15.268	180	109162	17.655	ug/l	99
94) Hexachlorobutadiene	15.373	225	73462	18.385	ug/l	99
95) Naphthalene	15.509	128	221927	16.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	103479	17.530	ug/l	99

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

