

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092121\
 Data File : VN068578.D
 Acq On : 21 Sep 2021 13:30
 Operator : JC/MD
 Sample : VN0921WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:07:51 AM

Quant Time: Sep 21 16:08:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	565184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	786791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	725308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	355507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	291343	56.196	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.400%			
35) Dibromofluoromethane	8.024	113	273612	57.659	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.320%			
50) Toluene-d8	10.443	98	967095	49.712	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.733	95	328493	51.104	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	81392	17.638	ug/l	99
3) Chloromethane	2.303	50	78658	18.624	ug/l	100
4) Vinyl Chloride	2.445	62	114789	16.403	ug/l	97
5) Bromomethane	2.858	94	101768	15.097	ug/l	100
6) Chloroethane	3.022	64	83496	16.206	ug/l	99
7) Trichlorofluoromethane	3.376	101	154116	17.559	ug/l	98
8) Diethyl Ether	3.827	74	52347	19.774	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.216	101	90522	18.663	ug/l	96
10) Methyl Iodide	4.430	142	116217	16.800	ug/l	99
11) Tert butyl alcohol	5.363	59	73241	93.928	ug/l	99
12) 1,1-Dichloroethene	4.189	96	78267	17.626	ug/l	100
13) Acrolein	4.047	56	35659	92.626	ug/l	100
14) Allyl chloride	4.848	41	111627	19.791	ug/l	98
15) Acrylonitrile	5.554	53	207366	104.895	ug/l	98
16) Acetone	4.285	43	180309	120.703	ug/l	98
17) Carbon Disulfide	4.535	76	174186	14.609	ug/l	98
18) Methyl Acetate	4.859	43	101603	21.539	ug/l	99
19) Methyl tert-butyl Ether	5.615	73	305244	20.516	ug/l	100
20) Methylene Chloride	5.101	84	108751	21.702	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	90557	17.863	ug/l	97
22) Diisopropyl ether	6.495	45	272007	22.272	ug/l	95
23) Vinyl Acetate	6.434	43	996020	109.123	ug/l	98
24) 1,1-Dichloroethane	6.388	63	162529	19.640	ug/l	100
25) 2-Butanone	7.335	43	268430	106.549	ug/l	97
26) 2,2-Dichloropropane	7.329	77	147475	19.303	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	113791	19.111	ug/l	98
28) Bromochloromethane	7.659	49	66943	20.788	ug/l	90
29) Tetrahydrofuran	7.686	42	175039	106.429	ug/l	94
30) Chloroform	7.817	83	191434	19.554	ug/l	100
31) Cyclohexane	8.099	56	140107	17.833	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	174160	19.175	ug/l	97
36) 1,1-Dichloropropene	8.225	75	126158	19.233	ug/l	99
37) Ethyl Acetate	7.415	43	112490	22.544	ug/l	98
38) Carbon Tetrachloride	8.209	117	158299	20.144	ug/l	99
39) Methylcyclohexane	9.461	83	155674	18.758	ug/l	98
40) Benzene	8.464	78	400835	20.644	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	51816	21.102	ug/l	95
42) 1,2-Dichloroethane	8.533	62	140722	20.918	ug/l	99
43) Isopropyl Acetate	8.560	43	193747	22.008	ug/l	99
44) Trichloroethene	9.217	130	120211	19.554	ug/l	97
45) 1,2-Dichloropropane	9.491	63	99819	21.534	ug/l	99
46) Dibromomethane	9.579	93	77575	20.790	ug/l	98
47) Bromodichloromethane	9.765	83	150313	21.230	ug/l	99
48) Methyl methacrylate	9.561	41	77797	21.163	ug/l	90
49) 1,4-Dioxane	9.569	88	36426	431.948	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	577060	114.830	ug/l	97
52) Toluene	10.507	92	268614	20.851	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	149998	22.113	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	160114	21.541	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	113479	22.196	ug/l	98
56) Ethyl methacrylate	10.762	69	145895	22.977	ug/l	95
57) 1,3-Dichloropropane	11.046	76	169751	21.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	57460	116.008	ug/l	94
59) 2-Hexanone	11.087	43	389235	115.654	ug/l	97
60) Dibromochloromethane	11.240	129	132615	20.052	ug/l	99
61) 1,2-Dibromoethane	11.350	107	115010	21.218	ug/l	99
64) Tetrachloroethene	10.979	164	123154	19.158	ug/l	98
65) Chlorobenzene	11.773	112	306511	20.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	123677	21.112	ug/l	98
67) Ethyl Benzene	11.846	91	507265	20.801	ug/l	98
68) m/p-Xylenes	11.956	106	418375	42.606	ug/l	97
69) o-Xylene	12.283	106	205766	21.506	ug/l	98
70) Styrene	12.296	104	324022	20.279	ug/l	99
71) Bromoform	12.460	173	100336	19.764	ug/l #	99
73) Isopropylbenzene	12.581	105	524151	20.726	ug/l	99
74) N-amyl acetate	12.390	43	133538	23.675	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	148936	21.008	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	122680m	24.535	ug/l	
77) Bromobenzene	12.865	156	143079	20.455	ug/l	92
78) n-propylbenzene	12.924	91	561104	21.013	ug/l	98
79) 2-Chlorotoluene	13.010	91	347962	21.137	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	439538	21.395	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	37313	23.261	ug/l	98
82) 4-Chlorotoluene	13.106	91	336725	21.211	ug/l	97
83) tert-Butylbenzene	13.326	119	393255	20.965	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	430299	21.839	ug/l	97
85) sec-Butylbenzene	13.503	105	525717	21.256	ug/l	98
86) p-Isopropyltoluene	13.618	119	440654	21.108	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	251432	20.717	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	242147	20.243	ug/l	97
89) n-Butylbenzene	13.946	91	314363	20.672	ug/l	97
90) Hexachloroethane	14.211	117	81354	22.201	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	242895	20.748	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	23676	21.040	ug/l	87
93) 1,2,4-Trichlorobenzene	15.265	180	105795	17.939	ug/l	99
94) Hexachlorobutadiene	15.373	225	77622	22.466	ug/l	98
95) Naphthalene	15.509	128	202484	16.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	99769	17.947	ug/l	100

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

