

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068744.D
 Acq On : 29 Sep 2021 17:20
 Operator : JC/MD
 Sample : VN0929WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

Manual Integrations
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 9/30/2021 6:18:20 PM

Quant Time: Sep 29 23:41:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	396393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	699368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	665339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	290893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	283246	51.284	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.560%			
35) Dibromofluoromethane	8.021	113	218621	50.312	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.620%			
50) Toluene-d8	10.443	98	836848	52.703	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.733	95	296834	53.799	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	79463	18.304	ug/l	99
3) Chloromethane	2.301	50	82163	19.708	ug/l	97
4) Vinyl Chloride	2.443	62	164058	18.446	ug/l	99
5) Bromomethane	2.853	94	148756	21.808	ug/l	99
6) Chloroethane	3.017	64	139058	20.765	ug/l	100
7) Trichlorofluoromethane	3.373	101	142505	20.580	ug/l	98
8) Diethyl Ether	3.824	74	46241	19.123	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	79905	18.382	ug/l	94
10) Methyl Iodide	4.422	142	67946	17.983	ug/l	# 89
11) Tert butyl alcohol	5.358	59	79135	106.860	ug/l	99
12) 1,1-Dichloroethene	4.186	96	66578	17.875	ug/l	82
13) Acrolein	4.044	56	11893m	101.318	ug/l	
14) Allyl chloride	4.843	41	110446	19.018	ug/l	# 87
15) Acrylonitrile	5.554	53	210004	100.814	ug/l	99
16) Acetone	4.288	43	187741	90.033	ug/l	93
17) Carbon Disulfide	4.532	76	141108	18.999	ug/l	99
18) Methyl Acetate	4.854	43	133866	20.102	ug/l	# 75
19) Methyl tert-butyl Ether	5.613	73	287634	19.454	ug/l	98
20) Methylene Chloride	5.098	84	89344	18.632	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	77309	18.470	ug/l	85
22) Diisopropyl ether	6.493	45	272792	19.861	ug/l	# 95
23) Vinyl Acetate	6.431	43	1067288	98.331	ug/l	# 93
24) 1,1-Dichloroethane	6.391	63	158062	19.009	ug/l	99
25) 2-Butanone	7.332	43	301837	97.361	ug/l	94
26) 2,2-Dichloropropane	7.327	77	143039	18.200	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	101270	18.809	ug/l	83
28) Bromochloromethane	7.659	49	64793	17.161	ug/l	# 77
29) Tetrahydrofuran	7.686	42	189439	98.945	ug/l	88
30) Chloroform	7.817	83	185567	18.962	ug/l	100
31) Cyclohexane	8.096	56	125211	18.413	ug/l	# 84
32) 1,1,1-Trichloroethane	8.016	97	166934	19.149	ug/l	98
36) 1,1-Dichloropropene	8.220	75	119067	18.102	ug/l	95
37) Ethyl Acetate	7.410	43	123557	19.796	ug/l	99
38) Carbon Tetrachloride	8.206	117	142682	18.261	ug/l	97
39) Methylcyclohexane	9.459	83	136530	17.909	ug/l	87
40) Benzene	8.461	78	371771	18.565	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	57756	19.462	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	147382	18.746	ug/l	97
43) Isopropyl Acetate	8.560	43	223078	19.429	ug/l	98
44) Trichloroethene	9.217	130	97472	18.233	ug/l	85
45) 1,2-Dichloropropane	9.491	63	96870	18.747	ug/l	100
46) Dibromomethane	9.579	93	74404	18.770	ug/l	94
47) Bromodichloromethane	9.762	83	151689	19.030	ug/l	96
48) Methyl methacrylate	9.561	41	93170	19.331	ug/l #	82
49) 1,4-Dioxane	9.569	88	33345	428.258	ug/l	89
51) 4-Methyl-2-Pentanone	10.330	43	695358	100.162	ug/l	96
52) Toluene	10.507	92	253122	18.971	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	155189	19.232	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	158389	18.654	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	107199	18.897	ug/l	98
56) Ethyl methacrylate	10.762	69	154687	18.761	ug/l	92
57) 1,3-Dichloropropane	11.047	76	170513	19.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	148482	100.548	ug/l	90
59) 2-Hexanone	11.087	43	494910	103.468	ug/l	97
60) Dibromochloromethane	11.240	129	114693	19.167	ug/l	99
61) 1,2-Dibromoethane	11.347	107	106447	19.131	ug/l	99
64) Tetrachloroethene	10.979	164	88178	17.755	ug/l	94
65) Chlorobenzene	11.773	112	288446	19.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	112573	19.205	ug/l	98
67) Ethyl Benzene	11.846	91	498484	18.673	ug/l	94
68) m/p-Xylenes	11.956	106	378627	38.270	ug/l	89
69) o-Xylene	12.283	106	188878	19.323	ug/l	89
70) Styrene	12.296	104	309962	19.942	ug/l	92
71) Bromoform	12.460	173	78508	18.973	ug/l #	99
73) Isopropylbenzene	12.581	105	501022	19.246	ug/l	99
74) N-amyl acetate	12.390	43	170932	20.424	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	156119	19.740	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	135369m	20.925	ug/l	
77) Bromobenzene	12.862	156	115533	19.618	ug/l	72
78) n-propylbenzene	12.921	91	574435	19.522	ug/l	97
79) 2-Chlorotoluene	13.010	91	342333	20.141	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	416627	20.155	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	42699	19.187	ug/l	98
82) 4-Chlorotoluene	13.106	91	329617	19.297	ug/l	92
83) tert-Butylbenzene	13.326	119	366275	20.076	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	404283	19.929	ug/l	93
85) sec-Butylbenzene	13.503	105	520144	19.745	ug/l	97
86) p-Isopropyltoluene	13.619	119	415214	19.844	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	203012	18.486	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	199029	18.209	ug/l	95
89) n-Butylbenzene	13.946	91	344182	18.608	ug/l	97
90) Hexachloroethane	14.211	117	80843	18.994	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	195780	18.515	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	26732	19.547	ug/l	73
93) 1,2,4-Trichlorobenzene	15.268	180	87053	18.144	ug/l	98
94) Hexachlorobutadiene	15.373	225	49552	18.323	ug/l	99
95) Naphthalene	15.509	128	220324	17.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	83438	18.135	ug/l	98

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

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