

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069665.D
 Acq On : 29 Nov 2021 15:47
 Operator : JC/MD
 Sample : VN1129WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Quant Time: Nov 30 07:42:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.796	168	250	50.000	ug/l	#-0.29
34) 1,4-Difluorobenzene	8.587	114	1799727	50.000	ug/l	-0.38
63) Chlorobenzene-d5	11.422	117	25	50.000	ug/l	#-0.33
72) 1,4-Dichlorobenzene-d4	13.656	152	687521	50.000	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	775926	214056.253	ug/l	-0.51
Spiked Amount	50.000	Range	61 - 141	Recovery	= 428112.500%#	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	= 0.000%#	
50) Toluene-d8	10.261	98	1720015	40.516	ug/l	-0.18
Spiked Amount	50.000	Range	65 - 126	Recovery	= 81.040%	
62) 4-Bromofluorobenzene	12.248	95	90	0.006	ug/l	-0.49
Spiked Amount	50.000	Range	58 - 135	Recovery	= 0.020%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.158	85	27	10.109	ug/l #	42
3) Chloromethane	2.220	50	186	60.049	ug/l #	31
4) Vinyl Chloride	2.365	62	25	8.061	ug/l #	42
5) Bromomethane	2.756	94	69	34.256	ug/l #	13
6) Chloroethane	2.941	64	166	79.296	ug/l #	42
7) Trichlorofluoromethane	2.992	101	28	5.841	ug/l #	19
9) 1,1,2-Trichlorotrifluo...	4.127	101	54	23.916	ug/l #	16
11) Tert butyl alcohol	5.345	59	85494	130887.752	ug/l #	71
12) 1,1-Dichloroethene	4.156	96	173270	85512.826	ug/l	92
13) Acrolein	3.899	56	8696	96561.125	ug/l #	56
14) Allyl chloride	4.658	41	139	31.028	ug/l #	1
15) Acrylonitrile	5.350	53	359	214.623	ug/l #	28
16) Acetone	4.178	43	191507	97918.942	ug/l #	58
18) Methyl Acetate	4.677	43	162	25.481	ug/l #	51
19) Methyl tert-butyl Ether	5.358	73	26	3.032	ug/l #	1
20) Methylene Chloride	5.143	84	298	107.452	ug/l #	56
21) trans-1,2-Dichloroethene	5.210	96	159	70.255	ug/l #	1
22) Diisopropyl ether	6.490	45	14626	1515.639	ug/l #	1
23) Vinyl Acetate	6.474	43	690258	92481.719	ug/l #	72
25) 2-Butanone	6.943	43	138985	52481.371	ug/l #	1
26) 2,2-Dichloropropane	6.830	77	30	7.801	ug/l #	52
27) cis-1,2-Dichloroethene	7.077	96	93	33.149	ug/l #	1
28) Bromochloromethane	7.372	49	3608	1433.392	ug/l #	9
29) Tetrahydrofuran	7.479	42	80223	49362.492	ug/l #	32
30) Chloroform	7.651	83	22833	4531.251	ug/l	94
31) Cyclohexane	7.603	56	437652	88374.429	ug/l #	18
32) 1,1,1-Trichloroethane	7.654	97	160	38.040	ug/l #	1
36) 1,1-Dichloropropene	7.651	75	275588	18.198	ug/l	95
37) Ethyl Acetate	6.943	43	138985	6.789	ug/l #	73
38) Carbon Tetrachloride	7.624	117	277409	18.974	ug/l	98
39) Methylcyclohexane	9.145	83	320069	16.990	ug/l	91
40) Benzene	7.946	78	883073	18.892	ug/l	99
41) Methacrylonitrile	7.479	41	211846	20.028	ug/l #	48
42) 1,2-Dichloroethane	8.045	62	379724	20.747	ug/l	96
43) Isopropyl Acetate	8.118	43	644853	19.612	ug/l #	87
44) Trichloroethene	8.869	130	216421	19.346	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.185	63	247961	19.855	ug/l	97
46) Dibromomethane	9.284	93	160934	19.239	ug/l	93
47) Bromodichloromethane	9.504	83	318497	20.404	ug/l	98
48) Methyl methacrylate	9.145	41	178506	11.539	ug/l #	62
49) 1,4-Dioxane	9.284	88	92935	330.361	ug/l #	88
51) 4-Methyl-2-Pentanone	10.153	43	1859228	87.602	ug/l	95
52) Toluene	10.330	92	384046	13.188	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	7384	3.002	ug/l #	1
54) cis-1,3-Dichloropropene	9.987	75	351874	18.529	ug/l #	87
55) 1,1,2-Trichloroethane	10.266	97	87572	7.460	ug/l #	1
56) Ethyl methacrylate	10.266	69	9312	2.457	ug/l #	24
57) 1,3-Dichloropropane	10.330	76	5270	0.255	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.834	63	477441	99.062	ug/l	93
59) 2-Hexanone	10.631	43	18857	8.961	ug/l	66
60) Dibromochloromethane	10.840	129	192689	16.650	ug/l #	11
64) Tetrachloroethene	10.843	164	191118	1266077.084	ug/l	93
65) Chlorobenzene	11.685	112	599960	1289306.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.765	131	221409	1371769.734	ug/l	99
67) Ethyl Benzene	11.886	91	1654195	1927449.439	ug/l #	72
68) m/p-Xylenes	11.886	106	779569	2469763.837	ug/l	92
69) o-Xylene	12.224	106	396918	1261350.360	ug/l	94
70) Styrene	12.240	104	632224	1084978.781	ug/l	95
71) Bromoform	12.406	173	152722	1015025.609	ug/l #	100
73) Isopropylbenzene	12.535	105	1049411	19.170	ug/l	98
74) N-amyl acetate	12.350	43	416278	17.944	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.795	83	380947	20.633	ug/l	97
76) 1,2,3-Trichloropropane	12.846	75	436155	27.489	ug/l #	1
77) Bromobenzene	12.819	156	243151	19.422	ug/l	79
78) n-propylbenzene	12.886	91	1163945	18.896	ug/l	97
79) 2-Chlorotoluene	12.972	91	728516	19.102	ug/l	95
80) 1,3,5-Trimethylbenzene	13.031	105	854279	19.304	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.586	75	81545	19.315	ug/l	89
82) 4-Chlorotoluene	13.074	91	695045	19.118	ug/l	93
83) tert-Butylbenzene	13.299	119	762371	19.659	ug/l	93
84) 1,2,4-Trimethylbenzene	13.345	105	825175	19.315	ug/l	98
85) sec-Butylbenzene	13.482	105	1031913	19.049	ug/l	98
86) p-Isopropyltoluene	13.600	119	809237	18.817	ug/l	96
87) 1,3-Dichlorobenzene	13.594	146	409518	18.867	ug/l	97
88) 1,4-Dichlorobenzene	13.675	146	397633	18.674	ug/l	96
89) n-Butylbenzene	13.930	91	637576	17.779	ug/l	97
90) Hexachloroethane	14.198	117	134446	18.435	ug/l	85
91) 1,2-Dichlorobenzene	13.970	146	409827	19.843	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.595	75	57648	17.988	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	172166	18.032	ug/l	98
94) Hexachlorobutadiene	15.364	225	119222	22.216	ug/l	98
95) Naphthalene	15.501	128	423370	17.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.694	180	167742	18.351	ug/l	98

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

