

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068289.D
 Acq On : 24 Aug 2021 16:31
 Operator : JC/MD
 Sample : VN0824WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 3:18:21 PM

Quant Time: Aug 25 03:11:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	560691	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	856410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	826390	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	400775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	309872	51.761	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.520%			
35) Dibromofluoromethane	8.021	113	276477	51.421	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.840%			
50) Toluene-d8	10.443	98	1070348	52.244	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.480%			
62) 4-Bromofluorobenzene	12.733	95	355412	52.112	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	85011	19.135	ug/l	99
3) Chloromethane	2.301	50	94567	18.840	ug/l	95
4) Vinyl Chloride	2.443	62	153579	19.527	ug/l	95
5) Bromomethane	2.845	94	152946	22.973	ug/l	97
6) Chloroethane	3.014	64	115124	21.941	ug/l	99
7) Trichlorofluoromethane	3.368	101	310573	20.086	ug/l	98
8) Diethyl Ether	3.821	74	105252	29.347	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	98606	20.858	ug/l #	85
10) Methyl Iodide	4.411	142	129589	19.278	ug/l #	88
11) Tert butyl alcohol	5.388	59	81928	109.738	ug/l #	84
12) 1,1-Dichloroethene	4.173	96	91061	20.034	ug/l #	70
13) Acrolein	4.039	56	25415	43.784	ug/l	99
14) Allyl chloride	4.832	41	118830	20.452	ug/l #	94
15) Acrylonitrile	5.557	53	231275	109.954	ug/l	98
16) Acetone	4.291	43	212338	121.480	ug/l #	88
17) Carbon Disulfide	4.521	76	219865	18.711	ug/l	99
18) Methyl Acetate	4.857	43	105194	21.757	ug/l #	83
19) Methyl tert-butyl Ether	5.618	73	310455	21.185	ug/l	95
20) Methylene Chloride	5.093	84	122668	24.274	ug/l #	79
21) trans-1,2-Dichloroethene	5.591	96	99734	19.599	ug/l #	78
22) Diisopropyl ether	6.498	45	267731	21.094	ug/l #	90
23) Vinyl Acetate	6.434	43	1027363	103.987	ug/l #	89
24) 1,1-Dichloroethane	6.383	63	173029	20.404	ug/l	96
25) 2-Butanone	7.340	43	299972	110.122	ug/l #	86
26) 2,2-Dichloropropane	7.324	77	158796	21.854	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	121468	19.935	ug/l	76
28) Bromochloromethane	7.657	49	79254	21.253	ug/l #	43
29) Tetrahydrofuran	7.689	42	188702	108.319	ug/l #	79
30) Chloroform	7.817	83	203688	20.163	ug/l	98
31) Cyclohexane	8.094	56	152201	19.302	ug/l #	81
32) 1,1,1-Trichloroethane	8.013	97	186564	20.709	ug/l	94
36) 1,1-Dichloropropene	8.220	75	138658	19.806	ug/l	91
37) Ethyl Acetate	7.418	43	112550	18.871	ug/l	95
38) Carbon Tetrachloride	8.204	117	165189	20.458	ug/l	98
39) Methylcyclohexane	9.461	83	176163	22.280	ug/l	86
40) Benzene	8.458	78	447159	20.927	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	58540	21.499	ug/l #	82
42) 1,2-Dichloroethane	8.531	62	151551	20.822	ug/l	93
43) Isopropyl Acetate	8.563	43	204217	21.376	ug/l #	90
44) Trichloroethene	9.217	130	126935	19.754	ug/l	80
45) 1,2-Dichloropropane	9.491	63	104201	20.732	ug/l	100
46) Dibromomethane	9.577	93	84060	20.503	ug/l #	78
47) Bromodichloromethane	9.762	83	158912	20.858	ug/l #	96
48) Methyl methacrylate	9.561	41	84019	21.104	ug/l #	77
49) 1,4-Dioxane	9.571	88	40908	425.108	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	644504	109.823	ug/l	89
52) Toluene	10.505	92	306921	21.070	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	158647	21.200	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	170061	20.975	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	119972	20.609	ug/l	96
56) Ethyl methacrylate	10.765	69	157833	21.113	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	184534	20.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	122131	89.246	ug/l #	82
59) 2-Hexanone	11.087	43	455379	111.752	ug/l	88
60) Dibromochloromethane	11.240	129	138585	21.102	ug/l	100
61) 1,2-Dibromoethane	11.347	107	128277	21.248	ug/l	97
64) Tetrachloroethene	10.979	164	134010	20.972	ug/l	89
65) Chlorobenzene	11.773	112	335218	19.812	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	137784	21.588	ug/l	98
67) Ethyl Benzene	11.846	91	568865	20.382	ug/l	92
68) m/p-Xylenes	11.956	106	469039	42.011	ug/l	79
69) o-Xylene	12.283	106	224916	20.849	ug/l	79
70) Styrene	12.296	104	365258	21.153	ug/l #	90
71) Bromoform	12.460	173	106860	20.877	ug/l #	99
73) Isopropylbenzene	12.581	105	575062	20.175	ug/l	94
74) N-amyl acetate	12.390	43	149125	20.092	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	170819	19.983	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	132935m	19.956	ug/l	
77) Bromobenzene	12.862	156	158781	20.220	ug/l	55
78) n-propylbenzene	12.924	91	626777	20.499	ug/l	91
79) 2-Chlorotoluene	13.010	91	381753	20.189	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	489582	21.232	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.626	75	42704	21.003	ug/l	91
82) 4-Chlorotoluene	13.106	91	367622	20.030	ug/l	84
83) tert-Butylbenzene	13.326	119	438432	21.412	ug/l	82
84) 1,2,4-Trimethylbenzene	13.372	105	471336	20.939	ug/l	89
85) sec-Butylbenzene	13.503	105	583312	21.635	ug/l	92
86) p-Isopropyltoluene	13.619	119	486748	21.872	ug/l	90
87) 1,3-Dichlorobenzene	13.616	146	272779	20.372	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	272428	20.083	ug/l	92
89) n-Butylbenzene	13.946	91	330253	19.893	ug/l	96
90) Hexachloroethane	14.211	117	87276	21.136	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	265370	20.816	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	27278	21.068	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.265	180	111193	18.423	ug/l	97
94) Hexachlorobutadiene	15.373	225	73091	21.169	ug/l	98
95) Naphthalene	15.509	128	243643	17.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	107753	18.846	ug/l	97

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

