

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068186.D
 Acq On : 18 Aug 2021 12:17
 Operator : JC/MD
 Sample : VN0818WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 6:17:26 PM

Quant Time: Aug 18 13:42:57 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	8.088	168	508358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	777636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	755047	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	374672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	290324	53.488	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.980%			
35) Dibromofluoromethane	8.021	113	255429	52.318	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.640%			
50) Toluene-d8	10.443	98	981466	52.759	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.733	95	337744	54.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	83631	20.762	ug/l	100
3) Chloromethane	2.301	50	88588	19.466	ug/l	97
4) Vinyl Chloride	2.443	62	141622	19.860	ug/l	96
5) Bromomethane	2.845	94	137662	22.781	ug/l	94
6) Chloroethane	3.014	64	105229	22.157	ug/l	100
7) Trichlorofluoromethane	3.368	101	280272	19.993	ug/l	99
8) Diethyl Ether	3.821	74	97767	30.066	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.199	101	90405	21.092	ug/l #	84
10) Methyl Iodide	4.411	142	123141	20.205	ug/l #	64
11) Tert butyl alcohol	5.396	59	74827	110.545	ug/l #	88
12) 1,1-Dichloroethene	4.170	96	80316	19.489	ug/l #	73
13) Acrolein	4.041	56	54469	117.155	ug/l	100
14) Allyl chloride	4.832	41	105509	20.029	ug/l #	93
15) Acrylonitrile	5.556	53	206367	108.212	ug/l	100
16) Acetone	4.288	43	165626	104.511	ug/l #	88
17) Carbon Disulfide	4.519	76	208944	19.612	ug/l	99
18) Methyl Acetate	4.854	43	95890	21.893	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	282336	21.250	ug/l	96
20) Methylene Chloride	5.090	84	100400	21.696	ug/l #	81
21) trans-1,2-Dichloroethene	5.594	96	90555	19.627	ug/l #	78
22) Diisopropyl ether	6.498	45	244517	21.248	ug/l #	94
23) Vinyl Acetate	6.436	43	955254	106.642	ug/l #	89
24) 1,1-Dichloroethane	6.388	63	155240	20.191	ug/l	97
25) 2-Butanone	7.340	43	257648	104.321	ug/l #	88
26) 2,2-Dichloropropane	7.327	77	133568	20.275	ug/l	88
27) cis-1,2-Dichloroethene	7.327	96	108801	19.694	ug/l	77
28) Bromochloromethane	7.656	49	65909	19.494	ug/l #	45
29) Tetrahydrofuran	7.689	42	170522	107.960	ug/l #	80
30) Chloroform	7.820	83	181088	19.771	ug/l	97
31) Cyclohexane	8.096	56	137608	19.248	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	164844	20.181	ug/l	94
36) 1,1-Dichloropropene	8.222	75	126196	19.852	ug/l	91
37) Ethyl Acetate	7.415	43	111521	20.593	ug/l #	94
38) Carbon Tetrachloride	8.206	117	144659	19.730	ug/l	96
39) Methylcyclohexane	9.461	83	155495	21.658	ug/l #	84
40) Benzene	8.461	78	399822	20.607	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	53076	21.466	ug/l #	83
42) 1,2-Dichloroethane	8.533	62	140464	21.253	ug/l	91
43) Isopropyl Acetate	8.563	43	186184	21.463	ug/l #	90
44) Trichloroethene	9.217	130	116272	19.928	ug/l	80
45) 1,2-Dichloropropane	9.491	63	95791	20.990	ug/l	96
46) Dibromomethane	9.579	93	77275	20.757	ug/l #	79
47) Bromodichloromethane	9.764	83	142846	20.648	ug/l #	94
48) Methyl methacrylate	9.563	41	78241	21.643	ug/l #	79
49) 1,4-Dioxane	9.574	88	38693	442.822	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	585183	109.816	ug/l	91
52) Toluene	10.507	92	274766	20.773	ug/l	96
53) t-1,3-Dichloropropene	10.722	75	149911	22.062	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	155304	21.095	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	112067	21.202	ug/l	92
56) Ethyl methacrylate	10.762	69	148615	21.894	ug/l #	80
57) 1,3-Dichloropropane	11.046	76	170599	20.955	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	121485	95.990	ug/l #	83
59) 2-Hexanone	11.089	43	413760	111.824	ug/l	88
60) Dibromochloromethane	11.240	129	126939	21.287	ug/l	99
61) 1,2-Dibromoethane	11.350	107	119152	21.736	ug/l	98
64) Tetrachloroethene	10.979	164	120766	20.685	ug/l #	87
65) Chlorobenzene	11.773	112	312327	20.203	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	123629	21.200	ug/l	98
67) Ethyl Benzene	11.848	91	520718	20.420	ug/l	94
68) m/p-Xylenes	11.956	106	424392	41.603	ug/l	82
69) o-Xylene	12.283	106	206153	20.916	ug/l	80
70) Styrene	12.296	104	333697	21.152	ug/l #	90
71) Bromoform	12.463	173	99269	21.226	ug/l #	99
73) Isopropylbenzene	12.583	105	520194	19.522	ug/l	94
74) N-amyl acetate	12.390	43	145498	20.969	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.830	83	158608	19.847	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	136342m	21.894	ug/l	
77) Bromobenzene	12.865	156	145918	19.877	ug/l	56
78) n-propylbenzene	12.924	91	576963	20.185	ug/l	91
79) 2-Chlorotoluene	13.010	91	343389	19.425	ug/l	80
80) 1,3,5-Trimethylbenzene	13.063	105	441320	20.472	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.626	75	39124	20.583	ug/l	89
82) 4-Chlorotoluene	13.109	91	345066	20.111	ug/l	83
83) tert-Butylbenzene	13.326	119	380946	19.901	ug/l	84
84) 1,2,4-Trimethylbenzene	13.372	105	430051	20.436	ug/l	90
85) sec-Butylbenzene	13.506	105	515017	20.433	ug/l	92
86) p-Isopropyltoluene	13.618	119	431585	20.744	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	260632	20.821	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	255484	20.146	ug/l	93
89) n-Butylbenzene	13.946	91	311148	20.048	ug/l	95
90) Hexachloroethane	14.214	117	77603	20.103	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	246603	20.691	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.605	75	25379	20.967	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.268	180	111141	19.512	ug/l	97
94) Hexachlorobutadiene	15.372	225	66580	20.627	ug/l	99
95) Naphthalene	15.509	128	263587	20.068	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	105711	19.637	ug/l	97

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

