

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068161.D
 Acq On : 17 Aug 2021 23:50
 Operator : JC/MD
 Sample : VN0817WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:28 PM

Quant Time: Aug 18 07:22:33 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	554241	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	869294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	851349	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	413830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	298567	50.453	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.900%			
35) Dibromofluoromethane	8.024	113	268886	49.268	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.540%			
50) Toluene-d8	10.443	98	1046685	50.332	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.660%			
62) 4-Bromofluorobenzene	12.734	95	352758	50.956	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	86043	19.592	ug/l	100
3) Chloromethane	2.301	50	95477	19.243	ug/l	96
4) Vinyl Chloride	2.443	62	153386	19.729	ug/l	96
5) Bromomethane	2.848	94	148002	22.419	ug/l	99
6) Chloroethane	3.014	64	113629	21.901	ug/l	98
7) Trichlorofluoromethane	3.368	101	300372	19.653	ug/l	99
8) Diethyl Ether	3.816	74	76725	21.642	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.199	101	91942	19.675	ug/l #	86
10) Methyl Iodide	4.417	142	129298	19.459	ug/l	88
11) Tert butyl alcohol	5.385	59	71022	96.237	ug/l	99
12) 1,1-Dichloroethene	4.175	96	87242	19.417	ug/l #	74
13) Acrolein	4.039	56	45477	87.372	ug/l	96
14) Allyl chloride	4.835	41	110603	19.258	ug/l #	93
15) Acrylonitrile	5.557	53	210195	101.095	ug/l	98
16) Acetone	4.288	43	163283	94.503	ug/l	92
17) Carbon Disulfide	4.524	76	228592	19.680	ug/l	98
18) Methyl Acetate	4.859	43	97408	20.162	ug/l #	85
19) Methyl tert-butyl Ether	5.621	73	290539	20.057	ug/l	98
20) Methylene Chloride	5.090	84	106375	21.022	ug/l #	84
21) trans-1,2-Dichloroethene	5.594	96	101451	20.168	ug/l #	78
22) Diisopropyl ether	6.501	45	258668	20.617	ug/l #	93
23) Vinyl Acetate	6.436	43	979443	100.291	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	164742	19.653	ug/l	96
25) 2-Butanone	7.340	43	262779	97.591	ug/l #	84
26) 2,2-Dichloropropane	7.327	77	117433	16.350	ug/l	83
27) cis-1,2-Dichloroethene	7.327	96	117268	19.470	ug/l	75
28) Bromochloromethane	7.659	49	59932	16.259	ug/l #	42
29) Tetrahydrofuran	7.691	42	174022	101.055	ug/l #	81
30) Chloroform	7.817	83	195255	19.553	ug/l	99
31) Cyclohexane	8.094	56	145833	18.710	ug/l #	80
32) 1,1,1-Trichloroethane	8.016	97	181323	20.361	ug/l	95
36) 1,1-Dichloropropene	8.222	75	135690	19.095	ug/l	90
37) Ethyl Acetate	7.418	43	112669	18.611	ug/l	96
38) Carbon Tetrachloride	8.206	117	163112	19.901	ug/l	99
39) Methylcyclohexane	9.462	83	153544	19.132	ug/l #	84
40) Benzene	8.461	78	430180	19.834	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	50853	18.399	ug/l #	81
42) 1,2-Dichloroethane	8.531	62	148371	20.083	ug/l	93
43) Isopropyl Acetate	8.566	43	189861	19.579	ug/l #	90
44) Trichloroethene	9.217	130	126629	19.415	ug/l	78
45) 1,2-Dichloropropane	9.491	63	100435	19.687	ug/l	97
46) Dibromomethane	9.580	93	81455	19.573	ug/l #	80
47) Bromodichloromethane	9.765	83	152856	19.766	ug/l #	98
48) Methyl methacrylate	9.561	41	80305	19.872	ug/l #	83
49) 1,4-Dioxane	9.571	88	37074	379.556	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	592350	99.440	ug/l	90
52) Toluene	10.507	92	298966	20.219	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	149294	19.655	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	161002	19.563	ug/l #	84
55) 1,1,2-Trichloroethane	10.899	97	118884	20.120	ug/l	92
56) Ethyl methacrylate	10.762	69	152292	20.070	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	177190	19.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	97807	74.339	ug/l #	84
59) 2-Hexanone	11.089	43	410329	99.204	ug/l	87
60) Dibromochloromethane	11.242	129	132813	19.924	ug/l	99
61) 1,2-Dibromoethane	11.350	107	123479	20.150	ug/l	99
64) Tetrachloroethene	10.980	164	134003	20.356	ug/l	87
65) Chlorobenzene	11.773	112	336467	19.303	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.846	131	128124	19.486	ug/l	98
67) Ethyl Benzene	11.848	91	566688	19.709	ug/l	93
68) m/p-Xylenes	11.956	106	459419	39.943	ug/l	80
69) o-Xylene	12.283	106	222434	20.015	ug/l	80
70) Styrene	12.296	104	360366	20.258	ug/l #	90
71) Bromoform	12.460	173	102278	19.396	ug/l #	99
73) Isopropylbenzene	12.583	105	560546	19.046	ug/l	94
74) N-amyl acetate	12.390	43	141630	18.480	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	162957	18.462	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	138226m	20.096	ug/l	
77) Bromobenzene	12.865	156	155068	19.124	ug/l	56
78) n-propylbenzene	12.924	91	606448	19.209	ug/l	90
79) 2-Chlorotoluene	13.010	91	370684	18.985	ug/l	83
80) 1,3,5-Trimethylbenzene	13.061	105	468779	19.688	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.626	75	36415	17.345	ug/l	92
82) 4-Chlorotoluene	13.109	91	366242	19.325	ug/l	85
83) tert-Butylbenzene	13.326	119	403272	19.074	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	460987	19.833	ug/l	90
85) sec-Butylbenzene	13.503	105	527874	18.961	ug/l	91
86) p-Isopropyltoluene	13.619	119	446015	19.409	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	266077	19.244	ug/l	92
88) 1,4-Dichlorobenzene	13.699	146	268249	19.151	ug/l	93
89) n-Butylbenzene	13.946	91	314972	18.374	ug/l	96
90) Hexachloroethane	14.214	117	81190	19.042	ug/l	75
91) 1,2-Dichlorobenzene	13.989	146	251783	19.127	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	24923	18.642	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.265	180	108273	17.527	ug/l	97
94) Hexachlorobutadiene	15.373	225	64298	18.035	ug/l	99
95) Naphthalene	15.509	128	238762	17.059	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	102442	17.576	ug/l	97

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

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