

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068136.D
 Acq On : 17 Aug 2021 11:33
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:11 PM

Quant Time: Aug 17 12:45:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 12:36:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	515486	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	814346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	777546	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	377634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	118298	17.381	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	34.760%#
35) Dibromofluoromethane	8.024	113	105765	22.274	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	44.540%#
50) Toluene-d8	10.443	98	404674	21.260	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	42.520%#
62) 4-Bromofluorobenzene	12.733	95	130670	19.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	39.960%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	88514	17.695	ug/l	99
3) Chloromethane	2.301	50	96653	15.741	ug/l	99
4) Vinyl Chloride	2.443	62	154702	16.199	ug/l	97
5) Bromomethane	2.848	94	140416	16.368	ug/l	100
6) Chloroethane	3.017	64	114504	15.458	ug/l	97
7) Trichlorofluoromethane	3.368	101	300659	17.124	ug/l	100
8) Diethyl Ether	3.816	74	70063	20.389	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	93138	18.242	ug/l	# 86
10) Methyl Iodide	4.417	142	132226	22.060	ug/l	89
11) Tert butyl alcohol	5.388	59	69382	77.177	ug/l	# 87
12) 1,1-Dichloroethene	4.173	96	86945	18.653	ug/l	# 75
13) Acrolein	4.039	56	49524	82.842	ug/l	98
14) Allyl chloride	4.835	41	111162	14.461	ug/l	# 92
15) Acrylonitrile	5.557	53	201643	78.807	ug/l	99
16) Acetone	4.293	43	159985	64.137	ug/l	# 86
17) Carbon Disulfide	4.521	76	226403	16.838	ug/l	97
18) Methyl Acetate	4.862	43	100323	15.490	ug/l	# 88
19) Methyl tert-butyl Ether	5.621	73	285160	16.557	ug/l	98
20) Methylene Chloride	5.090	84	106578	16.336	ug/l	# 79
21) trans-1,2-Dichloroethene	5.599	96	97726	18.023	ug/l	# 80
22) Diisopropyl ether	6.501	45	254441	14.954	ug/l	# 92
23) Vinyl Acetate	6.436	43	968165m	69.046	ug/l	
24) 1,1-Dichloroethane	6.388	63	162603	16.255	ug/l	96
25) 2-Butanone	7.343	43	260473	72.779	ug/l	# 86
26) 2,2-Dichloropropane	7.327	77	138689	15.877	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	118325	18.394	ug/l	75
28) Bromochloromethane	7.657	49	79218	16.695	ug/l	# 48
29) Tetrahydrofuran	7.691	42	169407	74.217	ug/l	# 79
30) Chloroform	7.817	83	196445	17.571	ug/l	97
31) Cyclohexane	8.094	56	146395	14.659	ug/l	# 79
32) 1,1,1-Trichloroethane	8.016	97	175084	18.096	ug/l	95
36) 1,1-Dichloropropene	8.222	75	136684	18.705	ug/l	91
37) Ethyl Acetate	7.418	43	108938	16.198	ug/l	96
38) Carbon Tetrachloride	8.209	117	158490	21.629	ug/l	99
39) Methylcyclohexane	9.461	83	152198	19.184	ug/l	86
40) Benzene	8.461	78	418651	19.268	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	55025	17.205	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	141845	17.861	ug/l	92
43) Isopropyl Acetate	8.566	43	188661	16.834	ug/l #	90
44) Trichloroethene	9.217	130	126598	22.364	ug/l	78
45) 1,2-Dichloropropane	9.494	63	100294	18.703	ug/l	96
46) Dibromomethane	9.579	93	80935	20.523	ug/l #	81
47) Bromodichloromethane	9.765	83	149865	20.103	ug/l #	97
48) Methyl methacrylate	9.563	41	79030	16.374	ug/l #	81
49) 1,4-Dioxane	9.571	88	35819	386.800	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	588146	85.182	ug/l	92
52) Toluene	10.507	92	294198	20.738	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	149968	19.470	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	162023	19.666	ug/l #	84
55) 1,1,2-Trichloroethane	10.899	97	114667	20.708	ug/l	94
56) Ethyl methacrylate	10.765	69	149118	19.099	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	175655	19.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	118642	93.003	ug/l #	86
59) 2-Hexanone	11.089	43	406012	81.748	ug/l	89
60) Dibromochloromethane	11.240	129	130249	23.112	ug/l	100
61) 1,2-Dibromoethane	11.350	107	120951	21.179	ug/l	98
64) Tetrachloroethene	10.979	164	123830	22.079	ug/l	90
65) Chlorobenzene	11.773	112	328399	20.918	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.843	131	126822	23.016	ug/l	98
67) Ethyl Benzene	11.848	91	553224	20.101	ug/l	94
68) m/p-Xylenes	11.956	106	451417	43.387	ug/l	80
69) o-Xylene	12.283	106	217429	21.294	ug/l	80
70) Styrene	12.296	104	352185	21.435	ug/l #	90
71) Bromoform	12.460	173	97861	25.603	ug/l #	98
73) Isopropylbenzene	12.581	105	544905	18.178	ug/l	94
74) N-amyl acetate	12.390	43	142577	14.199	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.830	83	159692	17.698	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	116930m	15.898	ug/l	
77) Bromobenzene	12.862	156	145981	20.531	ug/l	56
78) n-propylbenzene	12.924	91	590053	17.578	ug/l	91
79) 2-Chlorotoluene	13.010	91	363344	17.746	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	454189	18.789	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	37330	16.370	ug/l	92
82) 4-Chlorotoluene	13.106	91	356835	17.407	ug/l	86
83) tert-Butylbenzene	13.326	119	393837	19.411	ug/l	83
84) 1,2,4-Trimethylbenzene	13.372	105	442470	18.910	ug/l	89
85) sec-Butylbenzene	13.503	105	531635	18.863	ug/l	93
86) p-Isopropyltoluene	13.619	119	435183	19.335	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	261195	20.263	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	256810	20.101	ug/l	93
89) n-Butylbenzene	13.946	91	317507	16.678	ug/l	96
90) Hexachloroethane	14.211	117	77252	19.927	ug/l	72
91) 1,2-Dichlorobenzene	13.991	146	245994	20.215	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.603	75	24588	17.170	ug/l #	42
93) 1,2,4-Trichlorobenzene	15.265	180	107272	19.938	ug/l	97
94) Hexachlorobutadiene	15.373	225	63653	23.788	ug/l	99
95) Naphthalene	15.507	128	234408	15.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	98857	18.797	ug/l	97

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

