

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068138.D
 Acq On : 17 Aug 2021 12:22
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:14 PM

Quant Time: Aug 17 12:46:38 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	8.088	168	726364	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1034150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1044545	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	544713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	679227	70.821	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 141.640%#	
35) Dibromofluoromethane	8.021	113	648311	107.514	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 215.020%#	
50) Toluene-d8	10.443	98	2530633	104.693	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 209.380%#	
62) 4-Bromofluorobenzene	12.734	95	910438	109.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 219.180%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.067	85	528877	75.032	ug/l	100
3) Chloromethane	2.298	50	543721	62.843	ug/l	97
4) Vinyl Chloride	2.440	62	855979	63.610	ug/l	97
5) Bromomethane	2.818	94	783827	64.841	ug/l	97
6) Chloroethane	2.990	64	569899	54.600	ug/l	97
7) Trichlorofluoromethane	3.357	101	1627623	65.788	ug/l	99
8) Diethyl Ether	3.813	74	469335	96.926	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.194	101	534427	74.284	ug/l #	83
10) Methyl Iodide	4.411	142	893474	105.787	ug/l #	87
11) Tert butyl alcohol	5.393	59	467485	369.037	ug/l	99
12) 1,1-Dichloroethene	4.165	96	522345	79.528	ug/l #	74
13) Acrolein	4.036	56	318065	377.583	ug/l	99
14) Allyl chloride	4.830	41	694897	64.153	ug/l #	93
15) Acrylonitrile	5.557	53	1291832	358.304	ug/l	99
16) Acetone	4.288	43	943176	268.341	ug/l #	88
17) Carbon Disulfide	4.519	76	1433802	75.675	ug/l	99
18) Methyl Acetate	4.854	43	557284	61.066	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	1847685	76.137	ug/l	97
20) Methylene Chloride	5.087	84	612129	66.587	ug/l #	79
21) trans-1,2-Dichloroethene	5.591	96	625855	81.914	ug/l #	76
22) Diisopropyl ether	6.498	45	1557722	64.970	ug/l #	91
23) Vinyl Acetate	6.434	43	6183607m	312.964	ug/l	
24) 1,1-Dichloroethane	6.383	63	985871	69.942	ug/l	95
25) 2-Butanone	7.337	43	1625259	322.276	ug/l #	81
26) 2,2-Dichloropropane	7.324	77	886372	72.010	ug/l	90
27) cis-1,2-Dichloroethene	7.324	96	733147	80.884	ug/l	75
28) Bromochloromethane	7.657	49	453234	67.789	ug/l #	35
29) Tetrahydrofuran	7.686	42	1051681	326.980	ug/l #	76
30) Chloroform	7.818	83	1170352	74.292	ug/l	99
31) Cyclohexane	8.094	56	882001	62.677	ug/l #	84
32) 1,1,1-Trichloroethane	8.013	97	1107309	81.221	ug/l	93
36) 1,1-Dichloropropene	8.220	75	858427	92.507	ug/l	91
37) Ethyl Acetate	7.418	43	682096	79.865	ug/l #	94
38) Carbon Tetrachloride	8.206	117	1017997	109.400	ug/l	97
39) Methylcyclohexane	9.459	83	1015003	100.746	ug/l #	83
40) Benzene	8.459	78	2600865	94.260	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	335391	82.579	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	841078	83.397	ug/l	91
43) Isopropyl Acetate	8.563	43	1170574	82.247	ug/l #	88
44) Trichloroethene	9.218	130	800302	111.329	ug/l	75
45) 1,2-Dichloropropane	9.491	63	619152	90.921	ug/l	98
46) Dibromomethane	9.580	93	495659	98.970	ug/l #	73
47) Bromodichloromethane	9.765	83	952214	100.582	ug/l #	97
48) Methyl methacrylate	9.561	41	518658	84.620	ug/l #	78
49) 1,4-Dioxane	9.572	88	257087	2186.141	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	3667444	418.266	ug/l #	87
52) Toluene	10.508	92	1824355	101.265	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1031220	105.426	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1078569	103.089	ug/l #	82
55) 1,1,2-Trichloroethane	10.899	97	718294	102.147	ug/l	94
56) Ethyl methacrylate	10.762	69	1021691	103.046	ug/l #	78
57) 1,3-Dichloropropane	11.047	76	1093754	96.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	1040998	642.587	ug/l #	81
59) 2-Hexanone	11.087	43	2615356	414.660	ug/l	84
60) Dibromochloromethane	11.242	129	889141	124.241	ug/l	100
61) 1,2-Dibromoethane	11.347	107	789855	108.908	ug/l	99
64) Tetrachloroethene	10.980	164	824532	109.437	ug/l #	87
65) Chlorobenzene	11.773	112	2150866	101.983	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	846180	114.313	ug/l	98
67) Ethyl Benzene	11.846	91	3641360	98.486	ug/l	92
68) m/p-Xylenes	11.956	106	2980774	213.260	ug/l	78
69) o-Xylene	12.283	106	1478114	107.758	ug/l	79
70) Styrene	12.296	104	2449157	110.962	ug/l #	89
71) Bromoform	12.460	173	780001	151.906	ug/l #	99
73) Isopropylbenzene	12.581	105	3718719	86.003	ug/l	94
74) N-amyl acetate	12.390	43	993854	68.618	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	1003942	77.136	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	861035m	81.158	ug/l	
77) Bromobenzene	12.862	156	1083042	105.600	ug/l	50
78) n-propylbenzene	12.924	91	4070150	84.059	ug/l	89
79) 2-Chlorotoluene	13.010	91	2414785	81.762	ug/l	80
80) 1,3,5-Trimethylbenzene	13.061	105	3086456	88.518	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	303578	92.290	ug/l #	84
82) 4-Chlorotoluene	13.106	91	2429547	82.165	ug/l	83
83) tert-Butylbenzene	13.326	119	2751796	94.029	ug/l	82
84) 1,2,4-Trimethylbenzene	13.372	105	3070016	90.959	ug/l	90
85) sec-Butylbenzene	13.503	105	3659766	90.021	ug/l	91
86) p-Isopropyltoluene	13.619	119	3218005	99.122	ug/l	89
87) 1,3-Dichlorobenzene	13.619	146	1898210	102.093	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	1837152	99.689	ug/l	92
89) n-Butylbenzene	13.946	91	2400148	87.403	ug/l	95
90) Hexachloroethane	14.214	117	576148	103.032	ug/l	60
91) 1,2-Dichlorobenzene	13.991	146	1742113	99.248	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	171247	82.904	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.265	180	957504	123.381	ug/l	96
94) Hexachlorobutadiene	15.373	225	493838	127.946	ug/l	99
95) Naphthalene	15.507	128	2270470	105.537	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	909861	119.941	ug/l	97

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

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