

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068135.D
 Acq On : 17 Aug 2021 11:08
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:09 PM

Quant Time: Aug 17 12:44:23 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	512483	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	818750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	758323	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	323031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	52420	7.747	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	15.500%	#	
35) Dibromofluoromethane	8.024	113	45623	9.556	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	19.120%	#	
50) Toluene-d8	10.443	98	169711	8.868	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	17.740%	#	
62) 4-Bromofluorobenzene	12.731	95	53598	8.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	16.300%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	43035	8.653	ug/l	98
3) Chloromethane	2.303	50	48133	7.885	ug/l	96
4) Vinyl Chloride	2.443	62	77725	8.187	ug/l	96
5) Bromomethane	2.864	94	69318	8.127	ug/l	99
6) Chloroethane	3.022	64	58959	8.006	ug/l	99
7) Trichlorofluoromethane	3.373	101	150425	8.618	ug/l	97
8) Diethyl Ether	3.816	74	32918	9.635	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.205	101	45831	9.029	ug/l #	86
10) Methyl Iodide	4.414	142	60888	10.218	ug/l	89
11) Tert butyl alcohol	5.388	59	35168	39.348	ug/l #	89
12) 1,1-Dichloroethene	4.173	96	42118	9.089	ug/l #	74
13) Acrolein	4.044	56	28226	47.492	ug/l	99
14) Allyl chloride	4.838	41	53067	6.944	ug/l #	63
15) Acrylonitrile	5.557	53	101092	39.741	ug/l	99
16) Acetone	4.293	43	84647	34.133	ug/l	95
17) Carbon Disulfide	4.527	76	110410	8.259	ug/l	99
18) Methyl Acetate	4.862	43	51151	7.944	ug/l #	86
19) Methyl tert-butyl Ether	5.618	73	138848	8.109	ug/l	95
20) Methylene Chloride	5.098	84	51539	7.946	ug/l #	80
21) trans-1,2-Dichloroethene	5.594	96	47936	8.892	ug/l #	80
22) Diisopropyl ether	6.503	45	122325	7.231	ug/l #	94
23) Vinyl Acetate	6.436	43	464700m	33.335	ug/l	
24) 1,1-Dichloroethane	6.388	63	79996	8.044	ug/l	94
25) 2-Butanone	7.343	43	130404	36.650	ug/l #	86
26) 2,2-Dichloropropane	7.324	77	67567	7.780	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	55628	8.698	ug/l	78
28) Bromochloromethane	7.657	49	28675	6.079	ug/l #	46
29) Tetrahydrofuran	7.691	42	79342	34.963	ug/l #	77
30) Chloroform	7.823	83	92640	8.335	ug/l	98
31) Cyclohexane	8.096	56	76502	7.705	ug/l #	77
32) 1,1,1-Trichloroethane	8.016	97	84404	8.775	ug/l	95
36) 1,1-Dichloropropene	8.222	75	66446	9.044	ug/l	92
37) Ethyl Acetate	7.420	43	59339m	8.776	ug/l	
38) Carbon Tetrachloride	8.206	117	75336	10.226	ug/l	100
39) Methylcyclohexane	9.461	83	72175	9.049	ug/l	87
40) Benzene	8.458	78	202016	9.248	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	26032	8.096	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	68785	8.615	ug/l	94
43) Isopropyl Acetate	8.566	43	91891	8.155	ug/l #	89
44) Trichloroethene	9.220	130	59552	10.464	ug/l	75
45) 1,2-Dichloropropane	9.491	63	47451	8.801	ug/l	99
46) Dibromomethane	9.577	93	39896	10.062	ug/l #	83
47) Bromodichloromethane	9.765	83	71555	9.547	ug/l #	95
48) Methyl methacrylate	9.563	41	37306	7.688	ug/l #	81
49) 1,4-Dioxane	9.571	88	18009	193.428	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	277940	40.038	ug/l	92
52) Toluene	10.507	92	134372	9.421	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	67706	8.743	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	74868	9.038	ug/l #	84
55) 1,1,2-Trichloroethane	10.899	97	52877	9.498	ug/l	93
56) Ethyl methacrylate	10.765	69	68295	8.700	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	83716	9.349	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.046	63	44167	34.436	ug/l #	85
59) 2-Hexanone	11.089	43	184049	36.858	ug/l	87
60) Dibromochloromethane	11.240	129	60005	10.590	ug/l	100
61) 1,2-Dibromoethane	11.350	107	56329	9.810	ug/l	99
64) Tetrachloroethene	10.979	164	59964	10.963	ug/l	89
65) Chlorobenzene	11.773	112	151352	9.885	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	58336	10.855	ug/l	99
67) Ethyl Benzene	11.846	91	253694	9.451	ug/l	95
68) m/p-Xylenes	11.956	106	198137	19.526	ug/l	80
69) o-Xylene	12.283	106	94602	9.500	ug/l	84
70) Styrene	12.296	104	152309	9.505	ug/l #	90
71) Bromoform	12.460	173	43197	11.588	ug/l #	98
73) Isopropylbenzene	12.581	105	241870	9.432	ug/l	95
74) N-amyl acetate	12.390	43	58380	6.797	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.830	83	73687	9.547	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	58155m	9.243	ug/l	
77) Bromobenzene	12.862	156	62881	10.339	ug/l	59
78) n-propylbenzene	12.924	91	252644	8.798	ug/l	90
79) 2-Chlorotoluene	13.010	91	158800	9.067	ug/l	86
80) 1,3,5-Trimethylbenzene	13.061	105	195253	9.443	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	15484	7.938	ug/l	94
82) 4-Chlorotoluene	13.109	91	154936	8.836	ug/l	87
83) tert-Butylbenzene	13.326	119	165255	9.522	ug/l	85
84) 1,2,4-Trimethylbenzene	13.369	105	190588	9.522	ug/l	90
85) sec-Butylbenzene	13.503	105	220527	9.147	ug/l	94
86) p-Isopropyltoluene	13.619	119	180065	9.353	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	107224	9.725	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	109330	10.004	ug/l	93
89) n-Butylbenzene	13.946	91	132660	8.146	ug/l	94
90) Hexachloroethane	14.214	117	33341	10.054	ug/l	81
91) 1,2-Dichlorobenzene	13.991	146	103904	9.982	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.605	75	11142	9.096	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.265	180	40885	8.884	ug/l	95
94) Hexachlorobutadiene	15.373	225	27177	11.873	ug/l	99
95) Naphthalene	15.509	128	87019	6.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	38660	8.594	ug/l	97

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

