

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068613.D
 Acq On : 23 Sep 2021 10:55
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:44 PM

Quant Time: Sep 23 12:13:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 12:11:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	245008	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	420813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	382989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	130698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	11967	2.567	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	5.140%#		
35) Dibromofluoromethane	8.027	113	7564	2.684	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	5.360%#		
50) Toluene-d8	10.443	98	29001	2.650	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	5.300%#		
62) 4-Bromofluorobenzene	12.733	95	8988	2.060	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	4.120%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	5830	1.724	ug/l	90
3) Chloromethane	2.303	50	15805	4.142	ug/l	98
4) Vinyl Chloride	2.443	62	11265	3.066	ug/l	# 47
5) Bromomethane	2.861	94	7171	4.466	ug/l	91
6) Chloroethane	3.019	64	10714m	4.776	ug/l	
7) Trichlorofluoromethane	3.376	101	11864	2.369	ug/l	97
8) Diethyl Ether	3.829	74	3854	1.939	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.221	101	5566	1.886	ug/l	# 38
10) Methyl Iodide	4.425	142	6302	2.309	ug/l	# 84
11) Tert butyl alcohol	5.382	59	9454m	12.514	ug/l	
12) 1,1-Dichloroethene	4.186	96	5359m	1.881	ug/l	
13) Acrolein	4.039	56	5057	11.646	ug/l	96
14) Allyl chloride	4.851	41	12242m	1.943	ug/l	
15) Acrylonitrile	5.559	53	16967	9.945	ug/l	96
16) Acetone	4.293	43	20981	11.608	ug/l	99
17) Carbon Disulfide	4.537	76	17507	1.912	ug/l	97
18) Methyl Acetate	4.867	43	15498	3.321	ug/l	# 71
19) Methyl tert-butyl Ether	5.618	73	20046	1.778	ug/l	97
20) Methylene Chloride	5.098	84	9999	2.655	ug/l	95
21) trans-1,2-Dichloroethene	5.607	96	5996	1.897	ug/l	80
22) Diisopropyl ether	6.495	45	20512	1.740	ug/l	94
23) Vinyl Acetate	6.439	43	83555m	7.899	ug/l	
24) 1,1-Dichloroethane	6.391	63	12734	1.959	ug/l	# 92
25) 2-Butanone	7.343	43	25390	9.801	ug/l	# 90
26) 2,2-Dichloropropane	7.329	77	11244	1.742	ug/l	92
27) cis-1,2-Dichloroethene	7.329	96	7547	2.030	ug/l	83
28) Bromochloromethane	7.662	49	9904	3.265	ug/l	# 89
29) Tetrahydrofuran	7.691	42	16671	10.179	ug/l	94
30) Chloroform	7.820	83	13651	1.999	ug/l	95
31) Cyclohexane	8.088	56	17226	2.718	ug/l	# 71
32) 1,1,1-Trichloroethane	8.013	97	11008	1.772	ug/l	# 85
36) 1,1-Dichloropropene	8.220	75	8937	1.928	ug/l	93
37) Ethyl Acetate	7.415	43	9273	1.867	ug/l	# 81
38) Carbon Tetrachloride	8.206	117	9665	1.954	ug/l	89
39) Methylcyclohexane	9.464	83	9869	1.991	ug/l	90
40) Benzene	8.461	78	27788	2.135	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	5990m	2.326	ug/l	
42) 1,2-Dichloroethane	8.533	62	11637	2.151	ug/l	95
43) Isopropyl Acetate	8.563	43	19061	2.158	ug/l	93
44) Trichloroethene	9.217	130	6675	2.185	ug/l	81
45) 1,2-Dichloropropane	9.491	63	7431	2.138	ug/l	89
46) Dibromomethane	9.579	93	5156	2.192	ug/l	93
47) Bromodichloromethane	9.762	83	10686	2.044	ug/l	94
48) Methyl methacrylate	9.563	41	7733	1.890	ug/l	93
49) 1,4-Dioxane	9.571	88	2586	46.214	ug/l #	66
51) 4-Methyl-2-Pentanone	10.336	43	49133	9.515	ug/l	99
52) Toluene	10.507	92	15983	1.939	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	9224	1.594	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	10300	1.754	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	6641	2.080	ug/l #	86
56) Ethyl methacrylate	10.765	69	8840	1.554	ug/l	91
57) 1,3-Dichloropropane	11.044	76	11676	2.015	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.046	63	10014	6.143	ug/l	99
59) 2-Hexanone	11.089	43	36664	9.711	ug/l	88
60) Dibromochloromethane	11.237	129	7088	2.035	ug/l	99
61) 1,2-Dibromoethane	11.350	107	6302	1.885	ug/l	94
64) Tetrachloroethene	10.985	164	5694	2.131	ug/l #	80
65) Chlorobenzene	11.773	112	17869	2.164	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	6750	2.192	ug/l	94
67) Ethyl Benzene	11.848	91	28902	1.787	ug/l	100
68) m/p-Xylenes	11.956	106	21055	3.633	ug/l	90
69) o-Xylene	12.280	106	10244	1.809	ug/l	88
70) Styrene	12.299	104	16069	1.719	ug/l	94
71) Bromoform	12.460	173	4580	1.954	ug/l #	98
73) Isopropylbenzene	12.583	105	25381	2.041	ug/l	97
74) N-amyl acetate	12.393	43	10286	1.727	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.827	83	9084	2.444	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	8357m	2.485	ug/l	
77) Bromobenzene	12.868	156	5951	2.315	ug/l	84
78) n-propylbenzene	12.921	91	27445	1.869	ug/l	99
79) 2-Chlorotoluene	13.010	91	18548	2.040	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	19961	1.925	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.626	75	2204	1.644	ug/l #	89
82) 4-Chlorotoluene	13.106	91	16536	1.836	ug/l	95
83) tert-Butylbenzene	13.326	119	18029	2.148	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	17415	1.702	ug/l	90
85) sec-Butylbenzene	13.503	105	23062	1.949	ug/l	98
86) p-Isopropyltoluene	13.621	119	17609	1.835	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	10386	2.264	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	10358	2.254	ug/l	91
89) n-Butylbenzene	13.946	91	15836	1.791	ug/l	99
90) Hexachloroethane	14.214	117	4269	2.305	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	10226	2.359	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	1693	1.898	ug/l	79
93) 1,2,4-Trichlorobenzene	15.268	180	4124	1.837	ug/l	96
94) Hexachlorobutadiene	15.373	225	2999	2.347	ug/l	97
95) Naphthalene	15.509	128	9420	1.405	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	4306	1.989	ug/l #	88

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

