

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067611.D
 Acq On : 2 Jul 2021 12:15
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:15 AM

Quant Time: Jul 02 12:36:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 11:52:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	435970	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	787723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	712147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	258175	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	5396	1.191	ug/l	100
3) Chloromethane	2.301	50	7842	1.411	ug/l	92
4) Vinyl Chloride	2.443	62	10739	1.403	ug/l	99
6) Chloroethane	3.011	64	8044	1.479	ug/l	# 86
7) Trichlorofluoromethane	3.368	101	19333	1.393	ug/l	97
8) Diethyl Ether	3.813	74	4754	1.443	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.191	101	4448m	1.040	ug/l	
12) 1,1-Dichloroethene	4.175	96	5038	1.202	ug/l	# 61
14) Allyl chloride	4.838	41	8379	1.205	ug/l	# 56
15) Acrylonitrile	5.562	53	12613	5.486	ug/l	# 93
16) Acetone	4.296	43	14153	7.127	ug/l	95
17) Carbon Disulfide	4.521	76	16890	1.428	ug/l	98
18) Methyl Acetate	4.867	43	6974	1.318	ug/l	# 61
19) Methyl tert-butyl Ether	5.618	73	15349	0.947	ug/l	96
20) Methylene Chloride	5.093	84	6863	1.221	ug/l	# 84
21) trans-1,2-Dichloroethene	5.594	96	5267	1.103	ug/l	85
22) Diisopropyl ether	6.498	45	14591	0.950	ug/l	# 94
23) Vinyl Acetate	6.442	43	61662m	4.779	ug/l	
24) 1,1-Dichloroethane	6.385	63	8933	1.013	ug/l	# 91
25) 2-Butanone	7.348	43	18551	5.975	ug/l	99
26) 2,2-Dichloropropane	7.327	77	8379	1.030	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	6062	1.043	ug/l	87
28) Bromochloromethane	7.662	49	5046	1.207	ug/l	# 100
29) Tetrahydrofuran	7.702	42	11967	5.788	ug/l	98
30) Chloroform	7.817	83	10280	1.054	ug/l	86
32) 1,1,1-Trichloroethane	8.016	97	8358	0.947	ug/l	# 41
36) 1,1-Dichloropropene	8.217	75	8279	1.152	ug/l	95
37) Ethyl Acetate	7.426	43	8624m	1.301	ug/l	
38) Carbon Tetrachloride	8.204	117	6770	0.889	ug/l	91
39) Methylcyclohexane	9.464	83	7896	0.923	ug/l	# 86
40) Benzene	8.461	78	22403	1.029	ug/l	96
41) Methacrylonitrile	7.643	41	4050m	1.230	ug/l	
42) 1,2-Dichloroethane	8.531	62	8275	1.088	ug/l	90
43) Isopropyl Acetate	8.566	43	12421	1.088	ug/l	99
44) Trichloroethene	9.223	130	6558	1.170	ug/l	82
45) 1,2-Dichloropropane	9.494	63	5561	1.024	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	4017	1.034	ug/l	99
47) Bromodichloromethane	9.762	83	6842	0.894	ug/l #	98
48) Methyl methacrylate	9.563	41	5420	1.081	ug/l	94
49) 1,4-Dioxane	9.569	88	2027m	21.304	ug/l	
51) 4-Methyl-2-Pentanone	10.336	43	39275	5.661	ug/l	99
52) Toluene	10.507	92	14006	0.980	ug/l	95
53) t-1,3-Dichloropropene	10.722	75	6892	0.845	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	7959	0.919	ug/l #	87
55) 1,1,2-Trichloroethane	10.907	97	5047	0.912	ug/l	95
56) Ethyl methacrylate	10.768	69	8293	0.983	ug/l	94
57) 1,3-Dichloropropane	11.052	76	9111	1.010	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.049	63	5845	3.528	ug/l	98
59) 2-Hexanone	11.089	43	30242	6.162	ug/l	98
60) Dibromochloromethane	11.240	129	4262	0.728	ug/l	100
61) 1,2-Dibromoethane	11.347	107	5091	0.894	ug/l	99
64) Tetrachloroethene	10.982	164	5519	1.109	ug/l	93
65) Chlorobenzene	11.776	112	15680	1.069	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	4579	0.871	ug/l #	65
67) Ethyl Benzene	11.848	91	26373	0.990	ug/l	99
68) m/p-Xylenes	11.958	106	19881	1.932	ug/l	88
69) o-Xylene	12.288	106	9548	0.940	ug/l	93
70) Styrene	12.296	104	15354	0.934	ug/l	93
71) Bromoform	12.460	173	2679	0.726	ug/l #	96
73) Isopropylbenzene	12.583	105	23363	1.076	ug/l	98
74) N-amyl acetate	12.393	43	12206	1.697	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	7489	1.219	ug/l	94
76) 1,2,3-Trichloropropane	12.886	75	5635m	1.101	ug/l	
77) Bromobenzene	12.865	156	5927	1.235	ug/l	85
78) n-propylbenzene	12.924	91	29042	1.198	ug/l	99
79) 2-Chlorotoluene	13.012	91	17549	1.183	ug/l	90
80) 1,3,5-Trimethylbenzene	13.063	105	19569	1.099	ug/l	98
82) 4-Chlorotoluene	13.109	91	18668	1.286	ug/l	99
83) tert-Butylbenzene	13.326	119	16289	1.059	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	19347	1.104	ug/l	95
85) sec-Butylbenzene	13.506	105	22524	1.067	ug/l	96
86) p-Isopropyltoluene	13.621	119	18884	1.115	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	11706	1.312	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	13017m	1.472	ug/l	
89) n-Butylbenzene	13.946	91	19991	1.422	ug/l	98
90) Hexachloroethane	14.211	117	2360	0.796	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	11734	1.378	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.614	75	1641	1.529	ug/l	80
93) 1,2,4-Trichlorobenzene	15.273	180	9053	2.475	ug/l	98
94) Hexachlorobutadiene	15.375	225	2893	1.799	ug/l	100
95) Naphthalene	15.512	128	49871	4.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	11004	3.079	ug/l	97

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

