

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068734.D
 Acq On : 29 Sep 2021 11:39
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:07 PM

Quant Time: Sep 29 15:29:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 15:29:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	359039	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	636998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	588288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	214431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	5661	1.154	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	2.300%#
35) Dibromofluoromethane	8.027	113	4239	1.059	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	2.120%#
50) Toluene-d8	10.443	98	14900	0.996	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	2.000%#
62) 4-Bromofluorobenzene	12.734	95	6223	1.210	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	2.420%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	4478	1.139	ug/l	97
3) Chloromethane	2.303	50	6030	1.393	ug/l	99
4) Vinyl Chloride	2.443	62	9685	1.202	ug/l	94
6) Chloroethane	3.019	64	8534	1.262	ug/l	93
7) Trichlorofluoromethane	3.382	101	8594	1.244	ug/l	99
8) Diethyl Ether	3.824	74	2304m	1.052	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.216	101	4694m	1.192	ug/l	
12) 1,1-Dichloroethene	4.189	96	4117	1.220	ug/l	# 59
14) Allyl chloride	4.838	41	5873m	1.117	ug/l	
15) Acrylonitrile	5.562	53	9682m	1.026	ug/l	
16) Acetone	4.293	43	12880m	1.294	ug/l	
17) Carbon Disulfide	4.535	76	9667	1.280	ug/l	97
18) Methyl Acetate	4.862	43	6802	1.128	ug/l	# 81
19) Methyl tert-butyl Ether	5.616	73	13695	1.023	ug/l	# 90
20) Methylene Chloride	5.106	84	5252	1.209	ug/l	# 81
21) trans-1,2-Dichloroethene	5.602	96	4209	1.110	ug/l	# 72
22) Diisopropyl ether	6.498	45	10885	0.875	ug/l	# 82
23) Vinyl Acetate	6.439	43	45336m	0.922	ug/l	
24) 1,1-Dichloroethane	6.393	63	8396	1.106	ug/l	# 95
25) 2-Butanone	7.343	43	14629	1.042	ug/l	95
26) 2,2-Dichloropropane	7.321	77	7086	0.995	ug/l	# 70
27) cis-1,2-Dichloroethene	7.332	96	5166	1.059	ug/l	84
28) Bromochloromethane	7.649	49	3429m	1.003	ug/l	
29) Tetrahydrofuran	7.699	42	8933m	1.031	ug/l	
30) Chloroform	7.823	83	9414	1.062	ug/l	99
32) 1,1,1-Trichloroethane	8.019	97	8351	1.058	ug/l	# 39
36) 1,1-Dichloropropene	8.228	75	6481	1.082	ug/l	98
37) Ethyl Acetate	7.415	43	6216m	1.099	ug/l	
38) Carbon Tetrachloride	8.209	117	7873	1.106	ug/l	92
39) Methylcyclohexane	9.462	83	7170	1.033	ug/l	# 85
40) Benzene	8.458	78	18522	1.015	ug/l	96
41) Methacrylonitrile	7.635	41	2649	0.980	ug/l	# 77
42) 1,2-Dichloroethane	8.528	62	7681	1.073	ug/l	86
43) Isopropyl Acetate	8.563	43	10155	0.971	ug/l	# 86
44) Trichloroethene	9.215	130	5451	1.119	ug/l	68
45) 1,2-Dichloropropane	9.488	63	4750	1.009	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	3518	0.974	ug/l	92
47) Bromodichloromethane	9.765	83	6913	0.952	ug/l	98
48) Methyl methacrylate	9.561	41	4528	1.031	ug/l #	91
49) 1,4-Dioxane	9.563	88	1285m	0.906	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	28393	0.898	ug/l	100
52) Toluene	10.508	92	11909	0.980	ug/l	95
53) t-1,3-Dichloropropene	10.719	75	6552	0.891	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	7457	0.964	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	5483	1.061	ug/l	88
56) Ethyl methacrylate	10.762	69	5400	0.785	ug/l	92
57) 1,3-Dichloropropane	11.044	76	7879	0.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	3805	0.557	ug/l #	79
59) 2-Hexanone	11.089	43	19178	0.880	ug/l	97
60) Dibromochloromethane	11.237	129	4470	0.820	ug/l	86
61) 1,2-Dibromoethane	11.347	107	5028	0.992	ug/l	93
64) Tetrachloroethene	10.985	164	4976	1.133	ug/l	91
65) Chlorobenzene	11.773	112	14041	1.047	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.848	131	4654	0.898	ug/l #	62
67) Ethyl Benzene	11.848	91	22824	0.967	ug/l #	89
68) m/p-Xylenes	11.956	106	15911	0.909	ug/l	86
69) o-Xylene	12.278	106	8120	0.940	ug/l	77
70) Styrene	12.302	104	10873	0.791	ug/l	93
71) Bromoform	12.463	173	3408	0.931	ug/l #	86
73) Isopropylbenzene	12.583	105	19192	1.000	ug/l	96
74) N-amyl acetate	12.396	43	5448	0.883	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	6936	1.190	ug/l	95
76) 1,2,3-Trichloropropane	12.878	75	5355m	1.149	ug/l	
77) Bromobenzene	12.860	156	4683	1.079	ug/l	74
78) n-propylbenzene	12.927	91	20949	0.966	ug/l	94
79) 2-Chlorotoluene	13.012	91	12417	0.991	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	13949	0.915	ug/l	97
82) 4-Chlorotoluene	13.109	91	12361	0.982	ug/l	94
83) tert-Butylbenzene	13.326	119	12481	0.928	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	12736	0.852	ug/l	88
85) sec-Butylbenzene	13.506	105	17770	0.915	ug/l	98
86) p-Isopropyltoluene	13.619	119	12839	0.832	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	8310m	1.027	ug/l	
88) 1,4-Dichlorobenzene	13.699	146	8650	1.074	ug/l	89
89) n-Butylbenzene	13.946	91	12654	0.928	ug/l	93
90) Hexachloroethane	14.211	117	3376	1.076	ug/l	87
91) 1,2-Dichlorobenzene	13.994	146	8179	1.049	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1046	1.038	ug/l	76
93) 1,2,4-Trichlorobenzene	15.268	180	2832	0.801	ug/l	62
94) Hexachlorobutadiene	15.375	225	2185	1.096	ug/l	97
95) Naphthalene	15.509	128	5997	0.691	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.705	180	2902	0.856	ug/l #	86

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

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