

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043013.D
 Acq On : 12 Apr 2021 10:09
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:46:58 PM

Quant Time: Apr 12 12:08:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:08:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	113691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	175946	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	165741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	84549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	893	0.68	ug/l	91
3) Chloromethane	1.523	50	1441	1.05	ug/l	96
4) Vinyl Chloride	1.607	62	1079	0.82	ug/l #	53
6) Chloroethane	1.932	64	1243	1.58	ug/l	93
7) Trichlorofluoromethane	2.141	101	2000	0.97	ug/l	97
8) Diethyl Ether	2.382	74	592	0.90	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.587	101	943	0.88	ug/l #	84
12) 1,1-Dichloroethene	2.581	96	796	0.76	ug/l	92
14) Allyl chloride	2.932	41	1931	0.83	ug/l #	87
15) Acrylonitrile	3.324	53	3902	4.29	ug/l	93
16) Acetone	2.632	43	5508	5.08	ug/l	99
17) Carbon Disulfide	2.800	76	2420	0.77	ug/l #	94
18) Methyl Acetate	2.957	43	2104	1.05	ug/l #	91
19) Methyl tert-butyl Ether	3.375	73	3431	0.86	ug/l #	89
20) Methylene Chloride	3.050	84	1318	1.06	ug/l	89
21) trans-1,2-Dichloroethene	3.362	96	964	0.85	ug/l	81
22) Diisopropyl ether	4.002	45	3636	0.81	ug/l #	94
23) Vinyl Acetate	3.967	43	17629	4.14	ug/l	99
24) 1,1-Dichloroethane	3.877	63	2211	0.96	ug/l #	84
25) 2-Butanone	4.716	43	6671	4.55	ug/l	98
26) 2,2-Dichloropropane	4.674	77	1918	0.92	ug/l	78
27) cis-1,2-Dichloroethene	4.684	96	1090	0.83	ug/l	87
28) Bromochloromethane	4.983	49	1122	0.96	ug/l #	87
29) Tetrahydrofuran	5.063	42	4335	4.74	ug/l	99
30) Chloroform	5.092	83	2005	0.85	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	1832	0.86	ug/l #	51
36) 1,1-Dichloropropene	5.539	75	1314	0.74	ug/l #	91
37) Ethyl Acetate	4.812	43	2993	1.08	ug/l #	78
38) Carbon Tetrachloride	5.536	117	1537	0.82	ug/l	93
39) Methylcyclohexane	6.771	83	1422	0.70	ug/l	95
40) Benzene	5.780	78	4423	0.89	ug/l	99
41) Methacrylonitrile	4.986	41	1204m	0.84	ug/l	
42) 1,2-Dichloroethane	5.809	62	1954	0.90	ug/l #	79
43) Isopropyl Acetate	5.922	43	3526	0.86	ug/l #	88
44) Trichloroethene	6.549	130	1088	0.83	ug/l	81
45) 1,2-Dichloropropane	6.806	63	1197	0.87	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.928	93	872	0.91	ug/l	94
47) Bromodichloromethane	7.115	83	1650	0.87	ug/l #	92
48) Methyl methacrylate	6.964	41	1696	0.84	ug/l	85
49) 1,4-Dioxane	6.983	88	777	19.75	ug/l #	51
51) 4-Methyl-2-Pentanone	7.800	43	11466	4.08	ug/l	98
52) Toluene	7.976	92	2248	0.73	ug/l	80
53) t-1,3-Dichloropropene	8.217	75	1600	0.77	ug/l #	83
54) cis-1,3-Dichloropropene	7.616	75	1746	0.79	ug/l	93
55) 1,1,2-Trichloroethane	8.404	97	1092	0.85	ug/l	91
56) Ethyl methacrylate	8.343	69	1501	0.69	ug/l	90
57) 1,3-Dichloropropane	8.584	76	1828	0.82	ug/l #	87
58) 2-Chloroethyl Vinyl ether	7.472	63	2449	3.29	ug/l	98
59) 2-Hexanone	8.693	43	8663	3.83	ug/l	94
60) Dibromochloromethane	8.819	129	1199	0.80	ug/l	90
61) 1,2-Dibromoethane	8.931	107	1173	0.80	ug/l	92
64) Tetrachloroethene	8.565	164	955	0.77	ug/l	95
65) Chlorobenzene	9.452	112	2696	0.81	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.542	131	1023	0.80	ug/l #	65
67) Ethyl Benzene	9.574	91	4818	0.80	ug/l	96
68) m/p-Xylenes	9.703	106	3472	1.55	ug/l	92
69) o-Xylene	10.105	106	1745	0.80	ug/l	85
70) Styrene	10.121	104	2358	0.64	ug/l	96
71) Bromoform	10.295	173	868	0.70	ug/l #	91
73) Isopropylbenzene	10.491	105	4475	0.79	ug/l	90
74) N-amyl acetate	10.330	43	2406	0.74	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	10.793	83	1930	0.88	ug/l	97
76) 1,2,3-Trichloropropane	10.828	75	1936m	0.90	ug/l	
77) Bromobenzene	10.790	156	1318	0.87	ug/l	94
78) n-propylbenzene	10.912	91	4541	0.69	ug/l	100
79) 2-Chlorotoluene	10.992	91	3024	0.75	ug/l	95
80) 1,3,5-Trimethylbenzene	11.095	105	3442	0.70	ug/l	98
82) 4-Chlorotoluene	11.102	91	3570	0.76	ug/l	100
83) tert-Butylbenzene	11.430	119	3706	0.79	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	3418	0.70	ug/l	97
85) sec-Butylbenzene	11.651	105	3813	0.69	ug/l	95
86) p-Isopropyltoluene	11.799	119	3606	0.70	ug/l	90
87) 1,3-Dichlorobenzene	11.754	146	2369	0.90	ug/l	91
88) 1,4-Dichlorobenzene	11.844	146	2652m	0.98	ug/l	
89) n-Butylbenzene	12.217	91	3070	0.67	ug/l	92
90) Hexachloroethane	12.484	117	778	0.86	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	2274	0.85	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	13.015	75	537	0.89	ug/l	77
93) 1,2,4-Trichlorobenzene	13.851	180	1221	0.74	ug/l	94
94) Hexachlorobutadiene	14.031	225	863	0.93	ug/l	93
95) Naphthalene	14.102	128	2500	0.53	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.346	180	1116	0.69	ug/l	94

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

