

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042990.D
 Acq On : 08 Apr 2021 17:14
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:46:59 PM

Quant Time: Apr 09 06:22:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 06:22:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	99170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	156914	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	146186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	72411	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	1.385	85	755	0.67	ug/l	87
3) Chloromethane	1.523	50	1832	1.46	ug/l	96
4) Vinyl Chloride	1.610	62	937	0.82	ug/l #	1
6) Chloroethane	1.925	64	707m	0.81	ug/l	
7) Trichlorofluoromethane	2.141	101	1774	0.89	ug/l	99
8) Diethyl Ether	2.379	74	484	0.77	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.587	101	874	0.91	ug/l #	80
12) 1,1-Dichloroethene	2.587	96	928	1.03	ug/l #	69
14) Allyl chloride	2.928	41	1708	0.85	ug/l #	92
15) Acrylonitrile	3.321	53	3436	4.29	ug/l	99
16) Acetone	2.626	43	4231	4.64	ug/l #	88
17) Carbon Disulfide	2.797	76	2564	1.00	ug/l	96
18) Methyl Acetate	2.957	43	1761	0.95	ug/l	94
19) Methyl tert-butyl Ether	3.372	73	3214	0.93	ug/l #	88
20) Methylene Chloride	3.051	84	1385	1.21	ug/l #	97
21) trans-1,2-Dichloroethene	3.359	96	957	0.94	ug/l #	82
22) Diisopropyl ether	4.002	45	3526	0.88	ug/l #	86
23) Vinyl Acetate	3.964	43	15967	4.24	ug/l	97
24) 1,1-Dichloroethane	3.880	63	1742	0.83	ug/l #	84
25) 2-Butanone	4.716	43	5945	4.46	ug/l	98
26) 2,2-Dichloropropane	4.674	77	1580	0.86	ug/l #	64
27) cis-1,2-Dichloroethene	4.668	96	899	0.77	ug/l	84
28) Bromochloromethane	4.980	49	857	0.83	ug/l #	85
29) Tetrahydrofuran	5.060	42	4072	4.92	ug/l	90
30) Chloroform	5.095	83	2056	0.93	ug/l	92
32) 1,1,1-Trichloroethane	5.321	97	1486	0.76	ug/l #	45
36) 1,1-Dichloropropene	5.536	75	1232	0.79	ug/l	90
37) Ethyl Acetate	4.809	43	2324m	0.94	ug/l	
38) Carbon Tetrachloride	5.526	117	1467	0.83	ug/l	89
39) Methylcyclohexane	6.767	83	1348	0.76	ug/l	97
40) Benzene	5.787	78	4027	0.86	ug/l	98
41) Methacrylonitrile	4.980	41	1097	0.84	ug/l #	88
42) 1,2-Dichloroethane	5.806	62	1688	0.84	ug/l	91
43) Isopropyl Acetate	5.915	43	3120	0.84	ug/l #	91
44) Trichloroethene	6.546	130	1152	0.97	ug/l	64
45) 1,2-Dichloropropane	6.800	63	1115	0.90	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.925	93	697	0.79	ug/l	97
47) Bromodichloromethane	7.115	83	1449	0.81	ug/l #	94
48) Methyl methacrylate	6.970	41	1398	0.78	ug/l #	84
49) 1,4-Dioxane	6.976	88	471	13.35	ug/l #	74
51) 4-Methyl-2-Pentanone	7.800	43	10618	4.03	ug/l	96
52) Toluene	7.976	92	2332	0.82	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	1545	0.81	ug/l #	83
54) cis-1,3-Dichloropropene	7.613	75	1400	0.70	ug/l	93
55) 1,1,2-Trichloroethane	8.407	97	940	0.76	ug/l #	87
56) Ethyl methacrylate	8.340	69	1422	0.74	ug/l	94
57) 1,3-Dichloropropane	8.584	76	1632	0.77	ug/l #	81
58) 2-Chloroethyl Vinyl ether	7.472	63	3293	6.48	ug/l	99
59) 2-Hexanone	8.693	43	8337	3.94	ug/l	97
60) Dibromochloromethane	8.816	129	1033	0.72	ug/l	83
61) 1,2-Dibromoethane	8.928	107	1066	0.76	ug/l	94
64) Tetrachloroethene	8.558	164	811	0.71	ug/l #	90
65) Chlorobenzene	9.452	112	2774	0.93	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	1061	0.89	ug/l #	60
67) Ethyl Benzene	9.578	91	4491	0.84	ug/l	100
68) m/p-Xylenes	9.700	106	3075	1.56	ug/l	94
69) o-Xylene	10.108	106	1470	0.77	ug/l	100
70) Styrene	10.121	104	2492	0.77	ug/l	96
71) Bromoform	10.298	173	767	0.67	ug/l #	100
73) Isopropylbenzene	10.491	105	3878	0.84	ug/l	98
74) N-amyl acetate	10.327	43	2237	0.85	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.790	83	1962	1.02	ug/l #	87
76) 1,2,3-Trichloropropane	10.832	75	1954m	1.02	ug/l	
77) Bromobenzene	10.787	156	1052	0.83	ug/l	94
78) n-propylbenzene	10.912	91	4777	0.88	ug/l	95
79) 2-Chlorotoluene	10.996	91	3022	0.92	ug/l	87
80) 1,3,5-Trimethylbenzene	11.095	105	3084	0.77	ug/l	100
82) 4-Chlorotoluene	11.102	91	3239	0.82	ug/l	98
83) tert-Butylbenzene	11.426	119	3407	0.87	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	3500	0.87	ug/l	95
85) sec-Butylbenzene	11.648	105	3935	0.87	ug/l	96
86) p-Isopropyltoluene	11.799	119	3137	0.76	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	2151	0.94	ug/l	92
88) 1,4-Dichlorobenzene	11.844	146	2262	0.96	ug/l	85
89) n-Butylbenzene	12.217	91	2667	0.68	ug/l	95
90) Hexachloroethane	12.484	117	518	0.66	ug/l	79
91) 1,2-Dichlorobenzene	12.221	146	1974	0.85	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	357	0.70	ug/l	76
93) 1,2,4-Trichlorobenzene	13.851	180	1146	0.78	ug/l	90
94) Hexachlorobutadiene	14.031	225	758	0.89	ug/l	91
95) Naphthalene	14.095	128	3172	0.76	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.339	180	1222	0.83	ug/l	89

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

