

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021721\
 Data File : VU042321.D
 Acq On : 17 Feb 2021 11:13
 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
 2/19/2021 2:40:36 PM

Quant Time: Feb 18 03:21:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 18 03:20:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	123666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	189138	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	170991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	84011	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	1281	0.94	ug/l	93
3) Chloromethane	1.523	50	1654	1.02	ug/l	95
4) Vinyl Chloride	1.607	62	1340	0.83	ug/l #	87
6) Chloroethane	1.938	64	874	0.84	ug/l #	82
7) Trichlorofluoromethane	2.141	101	2149	0.97	ug/l	91
8) Diethyl Ether	2.388	74	650	0.70	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.588	101	1141	0.81	ug/l	93
12) 1,1-Dichloroethene	2.588	96	1131	0.85	ug/l	85
14) Allyl chloride	2.935	41	2173	0.83	ug/l	99
15) Acrylonitrile	3.330	53	4300m	4.38	ug/l	
16) Acetone	2.655	43	6489	6.47	ug/l	92
17) Carbon Disulfide	2.800	76	3328	1.06	ug/l	97
18) Methyl Acetate	2.964	43	1797	0.77	ug/l	98
19) Methyl tert-butyl Ether	3.375	73	3953	0.82	ug/l	94
20) Methylene Chloride	3.060	84	1332	0.78	ug/l #	88
21) trans-1,2-Dichloroethene	3.366	96	997	0.71	ug/l #	88
22) Diisopropyl ether	4.006	45	4248	0.85	ug/l	91
23) Vinyl Acetate	3.970	43	19134	4.57	ug/l	99
24) 1,1-Dichloroethane	3.880	63	2332	0.79	ug/l #	84
25) 2-Butanone	4.732	43	7059	5.30	ug/l	91
26) 2,2-Dichloropropane	4.674	77	1970	0.81	ug/l	88
27) cis-1,2-Dichloroethene	4.681	96	1225	0.72	ug/l	85
28) Bromochloromethane	4.986	49	1299	0.95	ug/l #	87
29) Tetrahydrofuran	5.076	42	4260	5.24	ug/l	94
30) Chloroform	5.102	83	2310	0.77	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	2240	0.91	ug/l #	51
36) 1,1-Dichloropropene	5.539	75	1821	0.89	ug/l #	84
37) Ethyl Acetate	4.822	43	2658	1.07	ug/l #	71
38) Carbon Tetrachloride	5.533	117	1839	0.84	ug/l #	82
39) Methylcyclohexane	6.771	83	1916	0.87	ug/l	94
40) Benzene	5.784	78	4828	0.75	ug/l	91
41) Methacrylonitrile	4.990	41	1377	1.05	ug/l #	73
42) 1,2-Dichloroethane	5.806	62	2149	0.93	ug/l #	79
43) Isopropyl Acetate	5.932	43	3843	1.00	ug/l #	84
44) Trichloroethene	6.555	130	1265	0.71	ug/l	96
45) 1,2-Dichloropropane	6.797	63	1382	0.74	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.932	93	884	0.74	ug/l	98
47) Bromodichloromethane	7.118	83	1651	0.68	ug/l #	96
48) Methyl methacrylate	6.970	41	1691	0.91	ug/l	89
49) 1,4-Dioxane	7.018	88	626m	15.69	ug/l	
51) 4-Methyl-2-Pentanone	7.809	43	12658	4.76	ug/l	99
52) Toluene	7.977	92	2799	0.70	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	1662	0.65	ug/l #	79
54) cis-1,3-Dichloropropene	7.616	75	1983	0.72	ug/l #	87
55) 1,1,2-Trichloroethane	8.407	97	1110	0.61	ug/l	90
56) Ethyl methacrylate	8.343	69	1910	0.77	ug/l	98
57) 1,3-Dichloropropane	8.584	76	1973	0.66	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	2570	3.14	ug/l	97
59) 2-Hexanone	8.703	43	9843	4.89	ug/l	99
60) Dibromochloromethane	8.822	129	1225	0.62	ug/l	93
61) 1,2-Dibromoethane	8.935	107	1307	0.73	ug/l	90
64) Tetrachloroethene	8.562	164	1336	0.91	ug/l #	84
65) Chlorobenzene	9.459	112	3159	0.75	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.546	131	1020	0.63	ug/l #	58
67) Ethyl Benzene	9.578	91	5348	0.77	ug/l	93
68) m/p-Xylenes	9.703	106	4021	1.55	ug/l	96
69) o-Xylene	10.111	106	2059	0.81	ug/l	92
70) Styrene	10.121	104	2893	0.65	ug/l	94
71) Bromoform	10.301	173	943	0.66	ug/l #	92
73) Isopropylbenzene	10.494	105	5477	1.00	ug/l	96
74) N-amyl acetate	10.333	43	2727	1.15	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	10.793	83	1918	0.86	ug/l	93
76) 1,2,3-Trichloropropane	10.838	75	1803m	0.95	ug/l	
77) Bromobenzene	10.790	156	1465	0.96	ug/l	92
78) n-propylbenzene	10.912	91	5827	0.92	ug/l	100
79) 2-Chlorotoluene	10.996	91	3983	1.03	ug/l	90
80) 1,3,5-Trimethylbenzene	11.095	105	4544	0.99	ug/l	96
82) 4-Chlorotoluene	11.105	91	4389	0.98	ug/l	94
83) tert-Butylbenzene	11.430	119	4088	0.89	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	4272	0.92	ug/l	97
85) sec-Butylbenzene	11.652	105	5035	0.93	ug/l	96
86) p-Isopropyltoluene	11.803	119	4515	0.90	ug/l	97
87) 1,3-Dichlorobenzene	11.758	146	2305	0.83	ug/l	93
88) 1,4-Dichlorobenzene	11.848	146	2592	0.90	ug/l	92
89) n-Butylbenzene	12.218	91	3492	0.81	ug/l	98
90) Hexachloroethane	12.488	117	723	0.87	ug/l	93
91) 1,2-Dichlorobenzene	12.227	146	2498	0.91	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	489	1.12	ug/l	83
93) 1,2,4-Trichlorobenzene	13.851	180	1109	0.69	ug/l	88
94) Hexachlorobutadiene	14.028	225	734	0.76	ug/l	91
95) Naphthalene	14.095	128	2350	0.53	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.343	180	1034	0.62	ug/l	96

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

