

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043564.D
 Acq On : 05 May 2021 21:41
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 10:00:33 AM

Quant Time: May 06 06:52:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 06:50:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	85294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	147064	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	135396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	59709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	1952m	1.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.62%	
35) Dibromofluoromethane	5.295	113	1418m	1.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.54%	
50) Toluene-d8	7.909	98	3712m	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	
62) 4-Bromofluorobenzene	10.639	95	1638m	1.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.10%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	770	0.83	ug/l	91
3) Chloromethane	1.524	50	2137	1.89	ug/l	94
4) Vinyl Chloride	1.607	62	1381	1.35	ug/l #	87
6) Chloroethane	1.935	64	1118	1.46	ug/l	97
7) Trichlorofluoromethane	2.141	101	1725	1.03	ug/l	87
8) Diethyl Ether	2.382	74	590	1.07	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.581	101	928	1.06	ug/l	90
12) 1,1-Dichloroethene	2.585	96	777	0.93	ug/l	86
14) Allyl chloride	2.929	41	2237	1.09	ug/l #	92
15) Acrylonitrile	3.321	53	3472	4.28	ug/l	96
16) Acetone	2.633	43	4684	5.10	ug/l	95
17) Carbon Disulfide	2.797	76	3040	1.18	ug/l	98
18) Methyl Acetate	2.958	43	1746	0.93	ug/l #	80
19) Methyl tert-butyl Ether	3.376	73	2825	0.87	ug/l	100
20) Methylene Chloride	3.051	84	1689	1.58	ug/l	90
21) trans-1,2-Dichloroethene	3.356	96	837	0.86	ug/l	94
22) Diisopropyl ether	4.009	45	3267	0.85	ug/l	97
23) Vinyl Acetate	3.967	43	16248	4.31	ug/l	98
24) 1,1-Dichloroethane	3.874	63	2340	1.18	ug/l #	86
25) 2-Butanone	4.713	43	6170	4.60	ug/l	100
26) 2,2-Dichloropropane	4.671	77	1297	0.78	ug/l	77
27) cis-1,2-Dichloroethene	4.684	96	929m	0.84	ug/l	
28) Bromochloromethane	4.986	49	1196	1.19	ug/l #	96
29) Tetrahydrofuran	5.060	42	3216	3.87	ug/l	96
30) Chloroform	5.099	83	2279	1.10	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	1886	1.04	ug/l #	53
36) 1,1-Dichloropropene	5.539	75	1331	0.84	ug/l #	78
37) Ethyl Acetate	4.813	43	2486	0.91	ug/l #	78
38) Carbon Tetrachloride	5.533	117	1561	0.93	ug/l	84
39) Methylcyclohexane	6.768	83	1299	0.76	ug/l	95
40) Benzene	5.781	78	4362	0.95	ug/l	94
41) Methacrylonitrile	4.980	41	989	0.69	ug/l	88
42) 1,2-Dichloroethane	5.803	62	1871	0.93	ug/l #	80
43) Isopropyl Acetate	5.916	43	3423	0.88	ug/l #	85
44) Trichloroethene	6.546	130	930	0.81	ug/l	95
45) 1,2-Dichloropropane	6.797	63	1395	1.09	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.925	93	719	0.80	ug/l	90
47) Bromodichloromethane	7.112	83	1471	0.83	ug/l #	91
48) Methyl methacrylate	6.967	41	1727	0.89	ug/l	91
49) 1,4-Dioxane	6.973	88	409	10.95	ug/l #	70
51) 4-Methyl-2-Pentanone	7.797	43	10662	3.75	ug/l	99
52) Toluene	7.977	92	2257	0.80	ug/l	97
53) t-1,3-Dichloropropene	8.218	75	1459	0.75	ug/l #	77
54) cis-1,3-Dichloropropene	7.613	75	1636	0.83	ug/l #	93
55) 1,1,2-Trichloroethane	8.401	97	1064m	0.88	ug/l	
56) Ethyl methacrylate	8.337	69	1192	0.61	ug/l	93
57) 1,3-Dichloropropane	8.581	76	1908	0.91	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.469	63	1907	2.83	ug/l	91
59) 2-Hexanone	8.694	43	8019	3.45	ug/l	100
60) Dibromochloromethane	8.816	129	1068	0.78	ug/l	100
61) 1,2-Dibromoethane	8.932	107	1103	0.82	ug/l	97
64) Tetrachloroethene	8.562	164	850	0.84	ug/l #	81
65) Chlorobenzene	9.456	112	2569	0.87	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.539	131	1002	0.89	ug/l #	60
67) Ethyl Benzene	9.578	91	3915	0.73	ug/l	93
68) m/p-Xylenes	9.700	106	2925	1.49	ug/l	87
69) o-Xylene	10.105	106	1329	0.69	ug/l	97
70) Styrene	10.124	104	1946	0.60	ug/l	95
71) Bromoform	10.298	173	719	0.63	ug/l #	76
73) Isopropylbenzene	10.491	105	3563	0.86	ug/l	100
74) N-amyl acetate	10.327	43	2287	0.86	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.790	83	1995	1.11	ug/l #	94
76) 1,2,3-Trichloropropane	10.829	75	1773m	0.98	ug/l	
77) Bromobenzene	10.787	156	921	0.81	ug/l	95
78) n-propylbenzene	10.912	91	3940	0.79	ug/l	99
79) 2-Chlorotoluene	10.993	91	2793	0.92	ug/l	93
80) 1,3,5-Trimethylbenzene	11.092	105	2482	0.68	ug/l	94
82) 4-Chlorotoluene	11.105	91	2682	0.74	ug/l	99
83) tert-Butylbenzene	11.427	119	2794	0.79	ug/l	95
84) 1,2,4-Trimethylbenzene	11.475	105	2429	0.65	ug/l	100
85) sec-Butylbenzene	11.652	105	3070	0.73	ug/l	95
86) p-Isopropyltoluene	11.800	119	2400	0.63	ug/l	94
87) 1,3-Dichlorobenzene	11.755	146	1923	0.93	ug/l	95
88) 1,4-Dichlorobenzene	11.841	146	2144	1.00	ug/l	83
89) n-Butylbenzene	12.214	91	2549	0.71	ug/l	96
90) Hexachloroethane	12.481	117	568	0.82	ug/l	80
91) 1,2-Dichlorobenzene	12.221	146	2067	0.98	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	13.005	75	391	0.78	ug/l	91
93) 1,2,4-Trichlorobenzene	13.854	180	1436	1.01	ug/l	81
94) Hexachlorobutadiene	14.031	225	526	0.70	ug/l	93
95) Naphthalene	14.095	128	3807	0.87	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.343	180	1206	0.86	ug/l	92

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

