

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028492.D
 Acq On : 06 Dec 2018 11:22
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:34:32 AM

Quant Time: Dec 07 00:18:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	106724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184734	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	168986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	1354	0.947 ug/l	98
3) Chloromethane	1.33	50	2844	1.081 ug/l	100
4) Vinyl Chloride	1.40	62	1884	0.993 ug/l	98
5) Bromomethane	1.63	94	855	1.118 ug/l	93
6) Chloroethane	1.70	64	995	0.926 ug/l	92
7) Trichlorofluoromethane	1.89	101	2050	1.027 ug/l	91
8) Diethyl Ether	2.10	74	1054	1.128 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1196	1.001 ug/l	97
12) 1,1-Dichloroethene	2.29	96	1265	1.065 ug/l #	77
14) Allyl chloride	2.59	41	3188	1.134 ug/l #	92
15) Acrylonitrile	2.95	53	4918	4.882 ug/l	93
16) Acetone	2.32	43	6547	6.160 ug/l	93
17) Carbon Disulfide	2.48	76	4879	1.140 ug/l	99
18) Methyl Acetate	2.62	43	2676	0.971 ug/l	94
19) Methyl tert-butyl Ether	3.00	73	4403	0.977 ug/l	94
20) Methylene Chloride	2.70	84	1968	1.256 ug/l	85
21) trans-1,2-Dichloroethene	2.98	96	1326	0.991 ug/l	92
22) Diisopropyl ether	3.57	45	5325	0.974 ug/l #	78
23) Vinyl Acetate	3.53	43	21321	4.729 ug/l	96
24) 1,1-Dichloroethane	3.45	63	3119	1.090 ug/l #	85
25) 2-Butanone	4.28	43	6931	4.772 ug/l	96
26) 2,2-Dichloropropane	4.23	77	2375	1.048 ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	1579	1.043 ug/l	94
28) Bromochloromethane	4.55	49	1242	0.955 ug/l #	94
29) Tetrahydrofuran	4.65	42	4446	4.766 ug/l #	85
30) Chloroform	4.67	83	2349	0.942 ug/l	96
31) Cyclohexane	4.99	56	5540	1.650 ug/l #	36
32) 1,1,1-Trichloroethane	4.92	97	2093	1.010 ug/l #	48
36) 1,1-Dichloropropene	5.13	75	2194	1.085 ug/l	91
37) Ethyl Acetate	4.39	43	2785	1.066 ug/l #	76
38) Carbon Tetrachloride	5.13	117	1679	1.030 ug/l	83
39) Methylcyclohexane	6.41	83	2574	1.044 ug/l	84
40) Benzene	5.40	78	5905	0.992 ug/l	96
41) Methacrylonitrile	4.56	41	1191	0.832 ug/l #	29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	5.40	62	2096	1.006	ug/l	81
43) Isopropyl Acetate	5.56	43	3865	0.935	ug/l #	93
44) Trichloroethene	6.19	130	1338	1.011	ug/l	96
45) 1,2-Dichloropropane	6.44	63	1510	0.902	ug/l #	89
46) Dibromomethane	6.57	93	978	0.985	ug/l	97
47) Bromodichloromethane	6.76	83	1953	1.010	ug/l #	97
48) Methyl methacrylate	6.63	41	1835	0.893	ug/l	97
49) 1,4-Dioxane	6.62	88	676	20.828	ug/l #	80
51) 4-Methyl-2-Pentanone	7.46	43	12187	4.675	ug/l	97
52) Toluene	7.64	92	3396	0.969	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	2156	0.936	ug/l	95
54) cis-1,3-Dichloropropene	7.27	75	2451	0.981	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	1292	0.933	ug/l	95
56) Ethyl methacrylate	8.03	69	2159	0.910	ug/l	98
57) 1,3-Dichloropropane	8.24	76	2650	1.031	ug/l #	88
58) 2-Chloroethyl Vinyl ether	7.13	63	5362	4.414	ug/l	96
59) 2-Hexanone	8.37	43	10228	4.950	ug/l	95
60) Dibromochloromethane	8.48	129	1408	1.038	ug/l	73
61) 1,2-Dibromoethane	8.59	107	1269	0.874	ug/l	88
64) Tetrachloroethene	8.23	164	1267	1.124	ug/l #	87
65) Chlorobenzene	9.12	112	3664	1.018	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	986	0.857	ug/l #	53
67) Ethyl Benzene	9.25	91	6647	1.004	ug/l	96
68) m/p-Xylenes	9.38	106	4460	1.852	ug/l	83
69) o-Xylene	9.78	106	2247	0.960	ug/l	100
70) Styrene	9.79	104	3659	0.945	ug/l	95
71) Bromoform	9.95	173	854	0.873	ug/l #	88
73) Isopropylbenzene	10.17	105	6346	1.111	ug/l	99
74) N-amyl acetate	10.02	43	3613	1.096	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.46	83	2242	1.022	ug/l	93
76) 1,2,3-Trichloropropane	10.49	75	2007m	0.934	ug/l	
77) Bromobenzene	10.45	156	1422	1.064	ug/l	86
78) n-propylbenzene	10.59	91	7751	1.092	ug/l	100
79) 2-Chlorotoluene	10.66	91	4322	1.057	ug/l	93
80) 1,3,5-Trimethylbenzene	10.77	105	4872	1.030	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	1163m	1.095	ug/l	
82) 4-Chlorotoluene	10.77	91	5433	1.121	ug/l	98
83) tert-Butylbenzene	11.10	119	4831	1.060	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	5062	1.039	ug/l	95
85) sec-Butylbenzene	11.32	105	6220	1.062	ug/l	92
86) p-Isopropyltoluene	11.48	119	5369	1.079	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	2850	1.130	ug/l	94
88) 1,4-Dichlorobenzene	11.51	146	3209	1.229	ug/l	89
89) n-Butylbenzene	11.89	91	5444	1.081	ug/l	98
90) Hexachloroethane	12.14	117	726	0.966	ug/l	90
91) 1,2-Dichlorobenzene	11.88	146	3011	1.193	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.66	75	442	0.930	ug/l	86
93) 1,2,4-Trichlorobenzene	13.50	180	2455	1.357	ug/l	83
94) Hexachlorobutadiene	13.69	225	1003	1.213	ug/l	99
95) Naphthalene	13.75	128	7478	1.235	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.99	180	2397	1.317	ug/l	87

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

