

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027903.D
 Acq On : 01 Nov 2018 18:02
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 9:01:45 AM

Quant Time: Nov 02 01:03:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 01:48:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	163550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287252	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107201	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	1771	0.768	ug/l	88
3) Chloromethane	1.33	50	2379	0.772	ug/l	90
4) Vinyl Chloride	1.40	62	2354	0.807	ug/l	93
5) Bromomethane	1.63	94	935	0.744	ug/l	98
6) Chloroethane	1.70	64	1353	0.769	ug/l #	81
7) Trichlorofluoromethane	1.89	101	2647	0.873	ug/l #	81
8) Diethyl Ether	2.10	74	1299	0.943	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1504	0.852	ug/l	89
12) 1,1-Dichloroethene	2.29	96	1765	1.023	ug/l	91
14) Allyl chloride	2.59	41	3927	0.959	ug/l	96
15) Acrylonitrile	2.94	53	7055	4.633	ug/l	96
16) Acetone	2.32	43	9112	5.724	ug/l	95
17) Carbon Disulfide	2.48	76	5432	0.881	ug/l	97
18) Methyl Acetate	2.62	43	4757	1.261	ug/l	93
19) Methyl tert-butyl Ether	3.00	73	6679	0.962	ug/l	94
20) Methylene Chloride	2.71	84	2186	0.970	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	2075	1.063	ug/l #	81
22) Diisopropyl ether	3.58	45	8106	0.965	ug/l #	83
23) Vinyl Acetate	3.53	43	32475	4.427	ug/l	98
24) 1,1-Dichloroethane	3.45	63	4353	1.015	ug/l #	85
25) 2-Butanone	4.29	43	11022	4.916	ug/l	97
26) 2,2-Dichloropropane	4.23	77	3619	1.043	ug/l	78
27) cis-1,2-Dichloroethene	4.24	96	1951	0.871	ug/l	89
28) Bromochloromethane	4.55	49	1719	0.845	ug/l #	98
29) Tetrahydrofuran	4.65	42	8128	5.705	ug/l #	84
30) Chloroform	4.68	83	4081	1.067	ug/l	100
31) Cyclohexane	4.99	56	8456	1.691	ug/l #	39
32) 1,1,1-Trichloroethane	4.92	97	2676	0.834	ug/l #	50
36) 1,1-Dichloropropene	5.14	75	2961	0.955	ug/l #	90
37) Ethyl Acetate	4.40	43	4536	1.104	ug/l #	83
38) Carbon Tetrachloride	5.14	117	2606	0.931	ug/l	93
39) Methylcyclohexane	6.42	83	3390	0.933	ug/l	96
40) Benzene	5.40	78	8362	0.914	ug/l	97
41) Methacrylonitrile	4.56	41	1852	0.800	ug/l #	78

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

42) 1,2-Dichloroethane	5.42	62	3235	0.964	ug/l #	76
43) Isopropyl Acetate	5.56	43	6604	1.038	ug/l #	87
44) Trichloroethene	6.19	130	1859	0.919	ug/l	79
45) 1,2-Dichloropropane	6.44	63	2466	0.938	ug/l	99
46) Dibromomethane	6.57	93	1355	0.912	ug/l	97
47) Bromodichloromethane	6.76	83	2517	0.823	ug/l #	97
48) Methyl methacrylate	6.64	41	2840	0.897	ug/l #	82
49) 1,4-Dioxane	6.62	88	773	14.317	ug/l #	81
51) 4-Methyl-2-Pentanone	7.47	43	21126	5.080	ug/l	95
52) Toluene	7.64	92	5043	0.936	ug/l	88
53) t-1,3-Dichloropropene	7.89	75	2468	0.689	ug/l	99
54) cis-1,3-Dichloropropene	7.28	75	2943	0.764	ug/l	93
55) 1,1,2-Trichloroethane	8.07	97	2031	0.951	ug/l #	84
56) Ethyl methacrylate	8.03	69	3047	0.850	ug/l	97
57) 1,3-Dichloropropane	8.25	76	3542	0.857	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.13	63	9133	4.651	ug/l	95
59) 2-Hexanone	8.37	43	14921	4.615	ug/l	95
60) Dibromochloromethane	8.48	129	1569	0.731	ug/l	93
61) 1,2-Dibromoethane	8.59	107	1971	0.859	ug/l	89
64) Tetrachloroethene	8.23	164	1757	1.113	ug/l	85
65) Chlorobenzene	9.12	112	5208	0.972	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.21	131	1602	0.868	ug/l #	48
67) Ethyl Benzene	9.25	91	8966	0.943	ug/l	97
68) m/p-Xylenes	9.38	106	6540	1.887	ug/l	97
69) o-Xylene	9.78	106	3513	1.062	ug/l	94
70) Styrene	9.80	104	4800	0.883	ug/l	91
71) Bromoform	9.96	173	1360	0.907	ug/l #	81
73) Isopropylbenzene	10.17	105	8627	1.107	ug/l	98
74) N-amyl acetate	10.02	43	4681	1.028	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	3401	1.094	ug/l #	94
76) 1,2,3-Trichloropropane	10.50	75	3088m	1.111	ug/l	
77) Bromobenzene	10.46	156	1647	0.900	ug/l	85
78) n-propylbenzene	10.59	91	9501	1.013	ug/l	99
79) 2-Chlorotoluene	10.66	91	5916	1.045	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	6391	1.001	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.53	75	836m	0.777	ug/l	
82) 4-Chlorotoluene	10.78	91	6586	1.028	ug/l	90
83) tert-Butylbenzene	11.10	119	7218	1.169	ug/l	94
84) 1,2,4-Trimethylbenzene	11.15	105	6652	1.023	ug/l	99
85) sec-Butylbenzene	11.33	105	7901	1.017	ug/l	94
86) p-Isopropyltoluene	11.48	119	6429	0.972	ug/l	92
87) 1,3-Dichlorobenzene	11.42	146	3394	0.987	ug/l	92
88) 1,4-Dichlorobenzene	11.51	146	3652m	1.040	ug/l	
89) n-Butylbenzene	11.89	91	5365	0.864	ug/l	95
90) Hexachloroethane	12.15	117	1206	0.969	ug/l	79
91) 1,2-Dichlorobenzene	11.88	146	3211	0.954	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.66	75	535	0.784	ug/l	87
93) 1,2,4-Trichlorobenzene	13.51	180	1516	0.695	ug/l	87
94) Hexachlorobutadiene	13.69	225	984	0.898	ug/l	80
95) Naphthalene	13.75	128	4843	0.652	ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.99	180	1886m	0.827	ug/l	

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

