

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028430.D
 Acq On : 03 Dec 2018 10:53
 Operator : MD/SY
 Sample : VU1203WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 11:18:28 AM

Quant Time: Dec 04 07:09:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	312415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	540269	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	500378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	244271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	238712	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
35) Dibromofluoromethane	4.88	113	177098	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	7.56	98	683040	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	10.30	95	257195	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	76256	18.195	ug/l	96
3) Chloromethane	1.33	50	136617	16.818	ug/l	98
4) Vinyl Chloride	1.40	62	102238	17.988	ug/l	99
5) Bromomethane	1.62	94	43522	19.798	ug/l	99
6) Chloroethane	1.70	64	59463	18.182	ug/l	96
7) Trichlorofluoromethane	1.89	101	111983	18.968	ug/l	100
8) Diethyl Ether	2.10	74	52541	19.144	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	68298	19.859	ug/l	97
10) Methyl Iodide	2.41	142	50226	15.487	ug/l	98
11) Tert butyl alcohol	2.82	59	114845	96.820	ug/l	97
12) 1,1-Dichloroethene	2.28	96	65018	19.481	ug/l	91
13) Acrolein	2.19	56	79417	75.311	ug/l	100
14) Allyl chloride	2.59	41	149674	17.164	ug/l	96
15) Acrylonitrile	2.93	53	285029	90.841	ug/l	99
16) Acetone	2.32	43	301158	94.290	ug/l	99
17) Carbon Disulfide	2.48	76	226786	17.703	ug/l	100
18) Methyl Acetate	2.61	43	159147	17.896	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	254148	18.574	ug/l	98
20) Methylene Chloride	2.70	84	83959	18.590	ug/l	94
21) trans-1,2-Dichloroethene	2.98	96	73831	19.074	ug/l	95
22) Diisopropyl ether	3.57	45	312364	18.195	ug/l	96
23) Vinyl Acetate	3.52	43	1276020	89.419	ug/l	99
24) 1,1-Dichloroethane	3.45	63	157464	18.603	ug/l	99
25) 2-Butanone	4.26	43	417844	91.283	ug/l	100
26) 2,2-Dichloropropane	4.22	77	128262	19.080	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	86864	18.976	ug/l	95
28) Bromochloromethane	4.55	49	79098	18.689	ug/l	91
29) Tetrahydrofuran	4.64	42	266958	89.825	ug/l	96
30) Chloroform	4.67	83	143688	18.391	ug/l	99
31) Cyclohexane	4.99	56	156975	17.818	ug/l	94
32) 1,1,1-Trichloroethane	4.91	97	118554	18.911	ug/l	99
36) 1,1-Dichloropropene	5.14	75	109824	18.576	ug/l	99
37) Ethyl Acetate	4.38	43	146650	18.202	ug/l	98
38) Carbon Tetrachloride	5.13	117	94040	19.370	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	136282	19.551	ug/l	96
40) Benzene	5.39	78	336837	19.237	ug/l	97
41) Methacrylonitrile	4.54	41	82146	18.359	ug/l	93
42) 1,2-Dichloroethane	5.40	62	116920	18.535	ug/l	98
43) Isopropyl Acetate	5.55	43	240391	18.829	ug/l	99
44) Trichloroethene	6.19	130	75378	20.083	ug/l	100
45) 1,2-Dichloropropane	6.43	63	94632	18.455	ug/l	100
46) Dibromomethane	6.56	93	55696	18.910	ug/l	96
47) Bromodichloromethane	6.76	83	110364	18.838	ug/l	99
48) Methyl methacrylate	6.62	41	117176	17.619	ug/l	97
49) 1,4-Dioxane	6.61	88	45224	425.665	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	737038	90.387	ug/l	98
52) Toluene	7.64	92	197818	19.618	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	135167	19.295	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	141714	18.883	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	77267	18.412	ug/l	97
56) Ethyl methacrylate	8.02	69	134650	18.861	ug/l	98
57) 1,3-Dichloropropane	8.24	76	143346	18.627	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	344253	89.815	ug/l	97
59) 2-Hexanone	8.36	43	573754	90.837	ug/l	98
60) Dibromochloromethane	8.48	129	78120	19.573	ug/l	98
61) 1,2-Dibromoethane	8.58	107	85195	19.822	ug/l	99
64) Tetrachloroethene	8.23	164	64240	19.517	ug/l	98
65) Chlorobenzene	9.12	112	206006	19.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	69504	19.516	ug/l	98
67) Ethyl Benzene	9.25	91	375610	19.194	ug/l	99
68) m/p-Xylenes	9.37	106	277696	39.426	ug/l	99
69) o-Xylene	9.78	106	133949	19.130	ug/l	98
70) Styrene	9.79	104	221292	19.596	ug/l	99
71) Bromoform	9.96	173	57893	19.340	ug/l #	98
73) Isopropylbenzene	10.16	105	364486	19.185	ug/l	98
74) N-amyl acetate	10.01	43	202675	17.027	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.46	83	139479	17.853	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	122418m	18.072	ug/l	
77) Bromobenzene	10.45	156	84060	18.778	ug/l	95
78) n-propylbenzene	10.58	91	443496	18.923	ug/l	100
79) 2-Chlorotoluene	10.66	91	258263	18.693	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	301605	18.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	45377m	17.782	ug/l	
82) 4-Chlorotoluene	10.77	91	294875	18.524	ug/l	99
83) tert-Butylbenzene	11.10	119	285674	19.142	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	304850	18.799	ug/l	97
85) sec-Butylbenzene	11.32	105	365151	18.838	ug/l	100
86) p-Isopropyltoluene	11.48	119	307885	19.317	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	152631	18.694	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	153139	18.637	ug/l	97
89) n-Butylbenzene	11.89	91	299435	19.035	ug/l	99
90) Hexachloroethane	12.14	117	45593	18.322	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	150571	18.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	31376	18.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	101363	19.010	ug/l	99
94) Hexachlorobutadiene	13.69	225	46450	18.449	ug/l	96
95) Naphthalene	13.74	128	354941	19.121	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	106056	19.666	ug/l	98

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

