

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120318\
 Data File : VU028428.D
 Acq On : 03 Dec 2018 09:50
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 11:18:24 AM

Quant Time: Dec 04 07:04:41 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	315698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	536591	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	502849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	253644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	231733	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
35) Dibromofluoromethane	4.88	113	170386	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	7.57	98	686268	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	10.30	95	260183	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	194874	46.015	ug/l	100
3) Chloromethane	1.33	50	348638	42.471	ug/l	99
4) Vinyl Chloride	1.40	62	265577	46.240	ug/l	99
5) Bromomethane	1.62	94	102560	46.170	ug/l	99
6) Chloroethane	1.69	64	150438	45.520	ug/l	97
7) Trichlorofluoromethane	1.88	101	285159	47.799	ug/l	100
8) Diethyl Ether	2.10	74	130628	47.102	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.29	101	172531	49.645	ug/l	99
10) Methyl Iodide	2.41	142	118579	36.183	ug/l	96
11) Tert butyl alcohol	2.82	59	278749	232.556	ug/l	98
12) 1,1-Dichloroethene	2.28	96	168270	49.893	ug/l	92
13) Acrolein	2.19	56	228936	214.841	ug/l	99
14) Allyl chloride	2.59	41	378567	42.962	ug/l	97
15) Acrylonitrile	2.94	53	732070	230.891	ug/l	100
16) Acetone	2.32	43	916038	283.820	ug/l	100
17) Carbon Disulfide	2.48	76	570440	44.066	ug/l	99
18) Methyl Acetate	2.61	43	407591	45.358	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	652117	47.163	ug/l	97
20) Methylene Chloride	2.70	84	211627	46.483	ug/l	93
21) trans-1,2-Dichloroethene	2.98	96	189177	48.366	ug/l	93
22) Diisopropyl ether	3.57	45	792292	45.670	ug/l	98
23) Vinyl Acetate	3.52	43	3281052	227.534	ug/l	99
24) 1,1-Dichloroethane	3.45	63	400661	46.843	ug/l	99
25) 2-Butanone	4.26	43	1163030	251.436	ug/l	98
26) 2,2-Dichloropropane	4.23	77	321964	47.397	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	217101	46.933	ug/l	96
28) Bromochloromethane	4.55	49	191085	44.679	ug/l	94
29) Tetrahydrofuran	4.64	42	683172	227.480	ug/l	97
30) Chloroform	4.67	83	361291	45.763	ug/l	97
31) Cyclohexane	5.00	56	392081	44.613	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	296210	46.757	ug/l	99
36) 1,1-Dichloropropene	5.14	75	285485	48.619	ug/l	99
37) Ethyl Acetate	4.38	43	386642	48.318	ug/l	98
38) Carbon Tetrachloride	5.13	117	238683	49.501	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	355372	51.332	ug/l	97
40) Benzene	5.39	78	861975	49.564	ug/l	100
41) Methacrylonitrile	4.54	41	214987	48.379	ug/l	96
42) 1,2-Dichloroethane	5.40	62	298155	47.590	ug/l	98
43) Isopropyl Acetate	5.55	43	611530	48.227	ug/l	97
44) Trichloroethene	6.19	130	191563	51.388	ug/l	97
45) 1,2-Dichloropropane	6.43	63	245998	48.303	ug/l	100
46) Dibromomethane	6.56	93	146498	50.079	ug/l	99
47) Bromodichloromethane	6.76	83	282402	48.534	ug/l	98
48) Methyl methacrylate	6.62	41	311240	47.120	ug/l	98
49) 1,4-Dioxane	6.61	88	108923	1032.252	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	1922373	237.366	ug/l	97
52) Toluene	7.64	92	516382	51.563	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	346780	49.841	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	370044	49.645	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	201619	48.374	ug/l	98
56) Ethyl methacrylate	8.02	69	354295	49.967	ug/l	99
57) 1,3-Dichloropropane	8.24	76	370832	48.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	909427	238.894	ug/l	98
59) 2-Hexanone	8.36	43	1585468	252.732	ug/l	98
60) Dibromochloromethane	8.48	129	198905	50.178	ug/l	100
61) 1,2-Dibromoethane	8.58	107	220882	51.744	ug/l	98
64) Tetrachloroethene	8.22	164	164013	49.585	ug/l	98
65) Chlorobenzene	9.12	112	531562	50.910	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	177651	49.637	ug/l	99
67) Ethyl Benzene	9.25	91	1005585	51.135	ug/l	98
68) m/p-Xylenes	9.37	106	733491	103.626	ug/l	98
69) o-Xylene	9.78	106	358579	50.960	ug/l	97
70) Styrene	9.79	104	593104	52.264	ug/l	99
71) Bromoform	9.96	173	153107	50.896	ug/l #	99
73) Isopropylbenzene	10.17	105	941575	47.730	ug/l	99
74) N-amyl acetate	10.01	43	538158	43.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	371481	45.792	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	328015m	46.634	ug/l	
77) Bromobenzene	10.45	156	221461	47.643	ug/l	95
78) n-propylbenzene	10.58	91	1196260	49.156	ug/l	98
79) 2-Chlorotoluene	10.66	91	679617	47.373	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	798527	48.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	121392m	45.812	ug/l	
82) 4-Chlorotoluene	10.77	91	803323	48.601	ug/l	99
83) tert-Butylbenzene	11.10	119	762029	49.173	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	818954	48.637	ug/l	98
85) sec-Butylbenzene	11.32	105	988587	49.115	ug/l	99
86) p-Isopropyltoluene	11.48	119	840365	50.776	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	417956	49.299	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	426626	50.001	ug/l	99
89) n-Butylbenzene	11.89	91	874351	53.529	ug/l	99
90) Hexachloroethane	12.14	117	127615	49.389	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	415376	49.107	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	84234	46.681	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	308719	55.758	ug/l	99
94) Hexachlorobutadiene	13.69	225	135101	51.675	ug/l	97
95) Naphthalene	13.74	128	1030518	48.371	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	302677	54.052	ug/l	99

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

