

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103018\
 Data File : VU027868.D
 Acq On : 30 Oct 2018 11:52
 Operator : MD/SY
 Sample : VSTD01046
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01046

Quant Time: Oct 31 01:46:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 31 01:42:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	86090	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	83987	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70910	10.54	ug/L	0.00
7) Chloroethane-d5	1.68	69	53195	10.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	131722	10.31	ug/L	0.00
20) 2-Butanone-d5	4.20	46	209053	103.84	ug/L	0.00
24) Chloroform-d	4.65	84	124611	10.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	68723	9.88	ug/L	0.00
32) Benzene-d6	5.34	84	236981	10.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	82091	10.08	ug/L	0.00
41) Toluene-d8	7.57	98	220990	10.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	34324	10.89	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	180736	104.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60043	10.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	81181	9.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	86993	10.264 ug/L	97
3) Chloromethane	1.33	50	86816	10.329 ug/L	100
5) Vinyl chloride	1.40	62	86616	10.351 ug/L	97
6) Bromomethane	1.63	94	29743	10.818 ug/L	96
8) Chloroethane	1.70	64	48846	9.960 ug/L	99
9) Trichlorofluoromethane	1.89	101	113455	10.212 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	59559	10.507 ug/L	99
12) 1,1-Dichloroethene	2.29	96	55314	10.345 ug/L	97
13) Acetone	2.34	43	124800	98.668 ug/L	98
14) Carbon disulfide	2.48	76	195046	10.212 ug/L	100
15) Methyl Acetate	2.63	43	31934	9.432 ug/L	97
16) Methylene chloride	2.71	84	60148	10.012 ug/L	97
17) Methyl tert-butyl Ether	3.01	73	163197	10.237 ug/L	99
18) trans-1,2-Dichloroethene	2.99	96	59032	10.385 ug/L	100
19) 1,1-Dichloroethane	3.45	63	122007	10.168 ug/L	99
21) 2-Butanone	4.29	43	223710	101.728 ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	68063	10.360 ug/L	99
23) Bromochloromethane	4.55	128	28498	10.468 ug/L	99
25) Chloroform	4.68	83	124771	10.257 ug/L	96
27) 1,2-Dichloroethane	5.41	62	87177	10.269 ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	109747	10.126 ug/L	98
30) Cyclohexane	5.00	56	130000	10.209 ug/L	100
31) Carbon tetrachloride	5.13	117	98630	10.604 ug/L	98
33) Benzene	5.39	78	270522	10.171 ug/L	100
34) Trichloroethene	6.19	95	71225	10.289 ug/L	98
35) Methylcyclohexane	6.42	83	121948	10.355 ug/L	98
37) 1,2-Dichloropropane	6.44	63	76523	10.100 ug/L	99
38) Bromodichloromethane	6.76	83	92314	10.421 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	113508	10.451 ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	549986	102.745 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	290501	10.440	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	95724	10.275	ug/L	94
45) 1,1,2-Trichloroethane	8.07	97	47152	10.117	ug/L	98
47) Tetrachloroethene	8.23	164	55728	10.478	ug/L	98
48) 2-Hexanone	8.37	43	396558	102.762	ug/L	97
49) Dibromochloromethane	8.48	129	59026	10.487	ug/L	99
50) 1,2-Dibromoethane	8.59	107	46150	10.349	ug/L	98
51) Chlorobenzene	9.12	112	175934	10.192	ug/L	98
52) Ethylbenzene	9.25	91	329357	10.380	ug/L	99
53) m,p-xylene	9.38	106	118298	10.283	ug/L	99
54) o-xylene	9.78	106	116593	10.318	ug/L	100
55) Styrene	9.79	104	200510	10.586	ug/L	99
56) Isopropylbenzene	10.17	105	323063	10.494	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	64206	10.564	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	47728	10.393	ug/L	97
61) Bromoform	9.96	173	34056	10.716	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	140569	10.117	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	142470	10.258	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	134312	10.238	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	10766	10.471	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	115967	10.371	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	101745	10.699	ug/L	99
69) Naphthalene	13.74	128	161467	10.920	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	90731	10.476	ug/L	96

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

