

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103018\
 Data File : VU027866.D
 Acq On : 30 Oct 2018 11:05
 Operator : MD/SY
 Sample : VSTD00144
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00144

Quant Time: Oct 31 01:45:28 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	92160	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	87244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44095	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	6712	0.93	ug/L	0.00
7) Chloroethane-d5	1.68	69	5344	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	13116	0.96	ug/L	0.00
20) 2-Butanone-d5	4.21	46	19366	8.99	ug/L	0.00
24) Chloroform-d	4.66	84	12182	0.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	7187	0.96	ug/L	0.00
32) Benzene-d6	5.34	84	22734	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	7641	0.90	ug/L	0.00
41) Toluene-d8	7.57	98	22053	0.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	2711	0.83	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	16823	9.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	5517	0.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	7883	0.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	8812	0.971 ug/L	98
3) Chloromethane	1.33	50	8736	0.971 ug/L	97
5) Vinyl chloride	1.40	62	9066	1.012 ug/L	97
6) Bromomethane	1.64	94	2653	0.901 ug/L	98
8) Chloroethane	1.70	64	5038	0.960 ug/L	89
9) Trichlorofluoromethane	1.89	101	11890	1.000 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.30	101	5741	0.946 ug/L	95
12) 1,1-Dichloroethene	2.29	96	5868	1.025 ug/L	98
13) Acetone	2.34	43	13247	9.783 ug/L	98
14) Carbon disulfide	2.49	76	19992	0.978 ug/L	97
15) Methyl Acetate	2.63	43	3870	1.068 ug/L #	80
16) Methylene chloride	2.71	84	6555	1.019 ug/L	94
17) Methyl tert-butyl Ether	3.01	73	17073	1.000 ug/L	97
18) trans-1,2-Dichloroethene	2.99	96	6142	1.009 ug/L	96
19) 1,1-Dichloroethane	3.45	63	12693	0.988 ug/L	94
21) 2-Butanone	4.29	43	23956	10.176 ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	7366	1.047 ug/L	82
23) Bromochloromethane	4.56	128	2745	0.942 ug/L	96
25) Chloroform	4.68	83	13067	1.003 ug/L	95
27) 1,2-Dichloroethane	5.41	62	8797	0.968 ug/L #	94
29) 1,1,1-Trichloroethane	4.92	97	10957	0.973 ug/L	96
30) Cyclohexane	5.00	56	13270	1.003 ug/L	99
31) Carbon tetrachloride	5.14	117	9779	1.012 ug/L	99
33) Benzene	5.40	78	28074	1.016 ug/L	100
34) Trichloroethene	6.19	95	7251	1.008 ug/L	98
35) Methylcyclohexane	6.42	83	12356	1.010 ug/L	95
37) 1,2-Dichloropropane	6.44	63	7939	1.009 ug/L #	94
38) Bromodichloromethane	6.76	83	9176	0.997 ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	10938	0.970 ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	56114	10.092 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	28569	0.988	ug/L	95
44) trans-1,3-Dichloropropene	7.89	75	9661	0.998	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	4900	1.012	ug/L	97
47) Tetrachloroethene	8.23	164	5516	0.998	ug/L	98
48) 2-Hexanone	8.37	43	41088	10.250	ug/L	98
49) Dibromochloromethane	8.48	129	5648	0.966	ug/L	86
50) 1,2-Dibromoethane	8.59	107	4509	0.973	ug/L #	98
51) Chlorobenzene	9.12	112	18297	1.020	ug/L	97
52) Ethylbenzene	9.25	91	32167	0.976	ug/L	99
53) m,p-xylene	9.38	106	11686	0.978	ug/L	97
54) o-xylene	9.78	106	11970	1.020	ug/L	92
55) Styrene	9.79	104	19792	1.006	ug/L	96
56) Isopropylbenzene	10.17	105	31392	0.982	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	5798	0.918	ug/L	93
59) 1,2,3-Trichloropropane	10.49	75	5147	1.079	ug/L	99
61) Bromoform	9.96	173	3015	0.929	ug/L	93
62) 1,3-Dichlorobenzene	11.42	146	14494	1.022	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	14157	0.999	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	13578	1.014	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	1041	0.992	ug/L #	87
67) 1,3,5-Trichlorobenzene	12.89	180	11159	0.978	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	9119	0.939	ug/L	99
69) Naphthalene	13.75	128	14144	0.937	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	8710	0.985	ug/L	95

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

