

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025416.D
 Acq On : 16 Jul 2018 10:49
 Operator : MD/SY
 Sample : VSTD05053
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05053

Quant Time: Jul 17 02:05:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	368775	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	344489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	175184	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	93658	43.78	ug/L	0.00
7) Chloroethane-d5	1.68	69	78756	44.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	207191	44.25	ug/L	0.00
21) 2-Butanone-d5	4.17	46	196451	105.33	ug/L	0.00
24) Chloroform-d	4.65	84	230132	49.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	151303	45.99	ug/L	0.00
32) Benzene-d6	5.35	84	428427	46.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	138626	46.70	ug/L	0.00
41) Toluene-d8	7.57	98	414705	45.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	69094	46.43	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	147146	105.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	209612	49.22	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	180223	47.72	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	152566	46.23	ug/L	100
3) Chloromethane	1.33	50	154959	54.46	ug/L	100
5) Vinyl chloride	1.40	62	131312	46.56	ug/L	100
6) Bromomethane	1.62	94	36232	26.48	ug/L	100
8) Chloroethane	1.70	64	79183	46.55	ug/L	100
9) Trichlorofluoromethane	1.89	101	185041	45.41	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	113327	46.43	ug/L	100
12) 1,1-Dichloroethene	2.28	96	101097	45.57	ug/L	100
13) Acetone	2.32	43	200210	104.36	ug/L	100
14) Carbon disulfide	2.48	76	318348	47.19	ug/L	100
15) Methyl Acetate	2.62	43	148914	50.82	ug/L	100
16) Methylene chloride	2.70	84	130586	49.24	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	113546	46.87	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	402403	47.71	ug/L	100
19) 1,1-Dichloroethane	3.45	63	223109	48.28	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	133513	47.67	ug/L	100
22) 2-Butanone	4.26	43	243346	106.70	ug/L	100
23) Bromochloromethane	4.55	128	64781	45.55	ug/L	100
25) Chloroform	4.68	83	237538	48.15	ug/L	100
27) 1,2-Dichloroethane	5.41	62	190725	46.52	ug/L	100
29) Cyclohexane	5.00	56	195830	44.91	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	214460	47.18	ug/L	100
31) Carbon tetrachloride	5.14	117	189740	47.81	ug/L	100
33) Benzene	5.39	78	484143	46.91	ug/L	100
34) Trichloroethene	6.19	95	126460	46.23	ug/L	100
35) Methylcyclohexane	6.42	83	207790	45.68	ug/L	100
37) 1,2-Dichloropropane	6.44	63	132416	47.88	ug/L	100
38) Bromodichloromethane	6.76	83	170927	46.88	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	205955	47.35	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	412980	102.05	ug/L	100

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42) Toluene	7.64	91	524481	46.86	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	186671	46.31	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	126293	47.94	ug/L	100
46) Tetrachloroethene	8.23	164	106687	46.15	ug/L	100
48) 2-Hexanone	8.36	43	349676	107.33	ug/L	100
49) Dibromochloromethane	8.48	129	139273	45.65	ug/L	100
50) 1,2-Dibromoethane	8.59	107	141107	48.18	ug/L	100
51) Chlorobenzene	9.12	112	353206	47.20	ug/L	100
52) Ethylbenzene	9.25	91	594739	47.32	ug/L	100
53) m,p-Xylene	9.38	106	230400	47.35	ug/L	100
54) o-xylene	9.78	106	230138	47.19	ug/L	100
55) Styrene	9.80	104	379114	47.44	ug/L	100
56) Isopropylbenzene	10.17	105	602714	47.12	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	224125	50.30	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	183884	50.67	ug/L	100
61) Bromoform	9.96	173	98067	44.04	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	279426	48.06	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	274699	47.06	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	294616	48.12	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	52043	50.70	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	210603	48.78	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	180047	49.75	ug/L	100
69) Naphthalene	13.75	128	640797	52.43	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	195436	49.98	ug/L	100

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

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