

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100518\
 Data File : VU027440.D
 Acq On : 05 Oct 2018 09:01
 Operator : MD/SY
 Sample : VSTD01052
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01052

Quant Time: Oct 06 04:11:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	227784	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	218988	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	17485	9.75	ug/L	0.00
7) Chloroethane-d5	1.68	69	13993	10.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	32496	9.66	ug/L	0.00
21) 2-Butanone-d5	4.19	46	27058	18.70	ug/L	0.00
24) Chloroform-d	4.65	84	27307	9.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	20158	10.03	ug/L	0.00
32) Benzene-d6	5.34	84	60402	9.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	20357	9.47	ug/L	0.00
41) Toluene-d8	7.57	98	53769	9.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	9612	9.28	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	18739	17.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26496	9.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	19332	9.38	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	21158	9.366 ug/L	100
3) Chloromethane	1.33	50	24737	9.530 ug/L	99
5) Vinyl chloride	1.40	62	23894	9.420 ug/L	93
6) Bromomethane	1.63	94	10151	9.158 ug/L	94
8) Chloroethane	1.70	64	15308	10.071 ug/L	95
9) Trichlorofluoromethane	1.89	101	24244	9.549 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	14174	9.404 ug/L	99
12) 1,1-Dichloroethene	2.29	96	13699	9.310 ug/L	84
13) Acetone	2.32	43	24486	20.629 ug/L	98
14) Carbon disulfide	2.48	76	49220	9.107 ug/L	99
15) Methyl Acetate	2.62	43	22491	9.456 ug/L	100
16) Methylene chloride	2.70	84	17007	9.517 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	15503	9.515 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	50843	9.385 ug/L	99
19) 1,1-Dichloroethane	3.45	63	32176	9.564 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	17059	9.438 ug/L	97
22) 2-Butanone	4.27	43	31735	18.678 ug/L	# 75
23) Bromochloromethane	4.56	128	7739	9.389 ug/L	95
25) Chloroform	4.68	83	32282	9.933 ug/L	99
27) 1,2-Dichloroethane	5.41	62	25524	9.778 ug/L	99
29) Cyclohexane	5.00	56	29375	8.844 ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	24676	9.418 ug/L	99
31) Carbon tetrachloride	5.14	117	19890	9.025 ug/L	99
33) Benzene	5.40	78	67461	9.374 ug/L	100
34) Trichloroethene	6.19	95	16104	9.305 ug/L	97
35) Methylcyclohexane	6.42	83	25992	8.644 ug/L	96
37) 1,2-Dichloropropane	6.44	63	19501	9.353 ug/L	99
38) Bromodichloromethane	6.76	83	21860	9.227 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	26529	8.660 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	54195	17.751 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	66972	9.275	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	25096	8.825	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	15793	9.436	ug/L	96
46) Tetrachloroethene	8.23	164	11688	9.087	ug/L	99
48) 2-Hexanone	8.37	43	43071	17.866	ug/L	98
49) Dibromochloromethane	8.48	129	15756	9.028	ug/L	100
50) 1,2-Dibromoethane	8.59	107	16504	9.295	ug/L	97
51) Chlorobenzene	9.12	112	42621	9.337	ug/L	99
52) Ethylbenzene	9.25	91	71930	8.972	ug/L	99
53) m,p-Xylene	9.38	106	26593	9.062	ug/L	93
54) o-xylene	9.78	106	25479	9.013	ug/L	96
55) Styrene	9.79	104	41751	8.625	ug/L	98
56) Isopropylbenzene	10.17	105	67239	9.076	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	27533	9.389	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	22057	9.344	ug/L	99
61) Bromoform	9.96	173	10782	9.011	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	29573	9.024	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	32153	9.406	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	30948	9.276	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	5661	9.154	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	22226	8.778	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	19483	8.367	ug/L	100
69) Naphthalene	13.75	128	58088	8.090	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	20911	8.831	ug/L	99

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

