

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092518\
 Data File : VU027127.D
 Acq On : 25 Sep 2018 12:22
 Operator : MD/SY
 Sample : VSTD20054
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20054

Quant Time: Sep 26 01:45:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 01:42:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	182784	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	180867	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	339120	208.55	ug/L	0.00
7) Chloroethane-d5	1.66	69	252378	198.19	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	633468	204.81	ug/L	0.00
21) 2-Butanone-d5	4.18	46	577238	436.57	ug/L	0.00
24) Chloroform-d	4.65	84	554240	214.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	375406	202.85	ug/L	0.00
32) Benzene-d6	5.34	84	1109872	207.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	397222	208.25	ug/L	0.00
41) Toluene-d8	7.57	98	1016550	214.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	194330	228.12	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	442534	480.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	541345	211.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	375748	203.17	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	361476	202.499	ug/L	99
3) Chloromethane	1.33	50	458520	202.101	ug/L	99
5) Vinyl chloride	1.40	62	427307	200.665	ug/L	100
6) Bromomethane	1.60	94	207923	229.180	ug/L	98
8) Chloroethane	1.68	64	235914	190.182	ug/L	99
9) Trichlorofluoromethane	1.88	101	450253	198.529	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	255591	196.335	ug/L	99
12) 1,1-Dichloroethene	2.28	96	241006	199.879	ug/L	91
13) Acetone	2.32	43	433007	354.613	ug/L	99
14) Carbon disulfide	2.47	76	828581	197.442	ug/L	100
15) Methyl Acetate	2.61	43	429016	193.367	ug/L	100
16) Methylene chloride	2.70	84	302906	195.517	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	262341	199.570	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	966267	210.960	ug/L	99
19) 1,1-Dichloroethane	3.45	63	601197	199.004	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	306362	207.081	ug/L	99
22) 2-Butanone	4.26	43	654012	410.600	ug/L	100
23) Bromochloromethane	4.55	128	135795	195.192	ug/L	98
25) Chloroform	4.67	83	548601	193.649	ug/L	98
27) 1,2-Dichloroethane	5.40	62	468856	199.460	ug/L	99
29) Cyclohexane	5.00	56	580064	218.133	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	447173	197.533	ug/L	99
31) Carbon tetrachloride	5.13	117	383359	199.878	ug/L	99
33) Benzene	5.39	78	1202626	198.163	ug/L	100
34) Trichloroethene	6.19	95	283042	199.905	ug/L	99
35) Methylcyclohexane	6.42	83	509929	213.656	ug/L	99
37) 1,2-Dichloropropane	6.43	63	367351	197.382	ug/L	99
38) Bromodichloromethane	6.76	83	426302	201.651	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	562807	224.723	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1205014	441.351	ug/L	99

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42) Toluene	7.64	91	1253075	209.342	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	526189	217.400	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	291290	197.547	ug/L	98
46) Tetrachloroethene	8.23	164	206181	203.055	ug/L	98
48) 2-Hexanone	8.37	43	953578	428.013	ug/L	99
49) Dibromochloromethane	8.48	129	315522	209.723	ug/L	99
50) 1,2-Dibromoethane	8.59	107	305800	201.938	ug/L	98
51) Chlorobenzene	9.12	112	766257	202.369	ug/L	99
52) Ethylbenzene	9.25	91	1428519	218.557	ug/L	99
53) m,p-Xylene	9.38	106	514293	221.003	ug/L	98
54) o-xylene	9.78	106	512531	224.838	ug/L	98
55) Styrene	9.79	104	898660	229.930	ug/L	99
56) Isopropylbenzene	10.17	105	1365712	229.479	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	550719	204.803	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	441098	203.022	ug/L	100
61) Bromoform	9.96	173	229710	197.611	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	579088	205.776	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	592008	198.273	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	597566	196.603	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	125928	204.165	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	432915	210.738	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	397007	227.165	ug/L	100
69) Naphthalene	13.74	128	1425776	240.263	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	409783	213.435	ug/L	100

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

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