

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025532.D
 Acq On : 20 Jul 2018 10:52
 Operator : MD/SY
 Sample : VSTD20057
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20057

Quant Time: Jul 21 00:57:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 00:55:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	350553	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	335574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	191281	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	402753	234.50	ug/L	0.00
7) Chloroethane-d5	1.67	69	320391	219.72	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	837246	223.11	ug/L	0.00
21) 2-Butanone-d5	4.17	46	629685	368.40	ug/L	0.00
24) Chloroform-d	4.65	84	886012	204.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	567245	194.45	ug/L	0.00
32) Benzene-d6	5.35	84	1693900	206.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	539710	200.62	ug/L	0.00
41) Toluene-d8	7.57	98	1669178	209.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	297328	211.81	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	513589	380.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	804457	202.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	761464	198.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	638522	211.95	ug/L	99
3) Chloromethane	1.33	50	462412	182.08	ug/L	98
5) Vinyl chloride	1.40	62	524045	201.76	ug/L	99
6) Bromomethane	1.61	94	227194	173.86	ug/L	95
8) Chloroethane	1.69	64	300345	192.87	ug/L	98
9) Trichlorofluoromethane	1.88	101	727212	191.20	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	421615	198.47	ug/L	99
12) 1,1-Dichloroethene	2.28	96	391496	203.70	ug/L	94
13) Acetone	2.32	43	571691	354.64	ug/L	100
14) Carbon disulfide	2.48	76	1264460	203.13	ug/L	100
15) Methyl Acetate	2.62	43	472863	170.55	ug/L	99
16) Methylene chloride	2.70	84	462646	186.80	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	433295	192.98	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	1432077	183.28	ug/L	99
19) 1,1-Dichloroethane	3.45	63	810553	182.04	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	499011	183.48	ug/L	96
22) 2-Butanone	4.26	43	720973	344.46	ug/L	99
23) Bromochloromethane	4.55	128	261376	191.10	ug/L	99
25) Chloroform	4.68	83	857983	183.63	ug/L	99
27) 1,2-Dichloroethane	5.41	62	695266	179.21	ug/L	98
29) Cyclohexane	5.00	56	752974	193.26	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	787581	178.42	ug/L	99
31) Carbon tetrachloride	5.14	117	731703	187.79	ug/L	100
33) Benzene	5.39	78	1803482	182.63	ug/L	100
34) Trichloroethene	6.19	95	482318	184.33	ug/L	98
35) Methylcyclohexane	6.42	83	803915	196.23	ug/L	99
37) 1,2-Dichloropropane	6.44	63	492267	181.68	ug/L	99
38) Bromodichloromethane	6.76	83	668421	183.78	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	817756	194.53	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1381205	355.99	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	2009804	189.86	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	783815	194.78	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	474429	184.25	ug/L	99
46) Tetrachloroethene	8.23	164	429197	192.17	ug/L	100
48) 2-Hexanone	8.36	43	1125303	360.22	ug/L	99
49) Dibromochloromethane	8.48	129	598662	192.63	ug/L	98
50) 1,2-Dibromoethane	8.59	107	522553	184.68	ug/L	100
51) Chlorobenzene	9.12	112	1357817	191.46	ug/L	99
52) Ethylbenzene	9.25	91	2295202	194.12	ug/L	100
53) m,p-Xylene	9.38	106	897132	197.38	ug/L	99
54) o-xylene	9.78	106	888019	194.42	ug/L	97
55) Styrene	9.80	104	1532694	203.32	ug/L	100
56) Isopropylbenzene	10.17	105	2352597	198.17	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	806761	183.15	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	599558	169.26	ug/L	99
61) Bromoform	9.96	173	480620	183.51	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	1170629	185.43	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1189751	185.87	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1197497	180.13	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	188669	157.82	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	921592	187.29	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	825167	190.17	ug/L	98
69) Naphthalene	13.74	128	2515063	173.79	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	843152	182.49	ug/L	100

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

