

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\
 Data File : VU026243.D
 Acq On : 22 Aug 2018 12:52
 Operator : MD/SY
 Sample : VSTD20044
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20044

Quant Time: Aug 23 04:42:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 04:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	327967	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	320109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187327	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	394086	169.67	ug/L	0.00
7) Chloroethane-d5	1.66	69	316241	170.76	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	771661	174.93	ug/L	0.00
21) 2-Butanone-d5	4.18	46	658160	342.15	ug/L	0.00
24) Chloroform-d	4.65	84	876896	176.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	558414	167.16	ug/L	0.00
32) Benzene-d6	5.35	84	1702696	175.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	540006	172.89	ug/L	0.00
41) Toluene-d8	7.57	98	1664947	179.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	295280	186.20	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	537616	382.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	833481	182.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	754823	168.11	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	518212	182.30	ug/L	100
3) Chloromethane	1.33	50	483817	188.46	ug/L	98
5) Vinyl chloride	1.40	62	475961	192.81	ug/L	97
6) Bromomethane	1.61	94	286263	210.84	ug/L	100
8) Chloroethane	1.69	64	273968	184.40	ug/L	100
9) Trichlorofluoromethane	1.88	101	682138	191.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	377099	184.59	ug/L	99
12) 1,1-Dichloroethene	2.28	96	349536	186.62	ug/L	95
13) Acetone	2.32	43	455397	361.67	ug/L	98
14) Carbon disulfide	2.47	76	1299891	205.11	ug/L	100
15) Methyl Acetate	2.62	43	480467	186.10	ug/L	99
16) Methylene chloride	2.70	84	462261	189.86	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	428235	201.72	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	1362181	196.72	ug/L	99
19) 1,1-Dichloroethane	3.45	63	783695	189.75	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	489635	200.42	ug/L	97
22) 2-Butanone	4.26	43	688118	385.33	ug/L	99
23) Bromochloromethane	4.55	128	255399	196.08	ug/L	99
25) Chloroform	4.68	83	826216	192.96	ug/L	100
27) 1,2-Dichloroethane	5.41	62	664511	189.11	ug/L	99
29) Cyclohexane	5.00	56	725638	203.19	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	751163	185.82	ug/L	99
31) Carbon tetrachloride	5.14	117	696088	188.57	ug/L	100
33) Benzene	5.39	78	1773901	193.23	ug/L	100
34) Trichloroethene	6.19	95	467458	195.87	ug/L	99
35) Methylcyclohexane	6.42	83	781328	212.72	ug/L	99
37) 1,2-Dichloropropane	6.44	63	478725	190.86	ug/L	99
38) Bromodichloromethane	6.76	83	646940	193.79	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	796754	211.13	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1320985	390.81	ug/L	99

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42) Toluene	7.64	91	1959784	201.32	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	765317	211.60	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	460571	193.45	ug/L	98
46) Tetrachloroethene	8.23	164	408288	200.51	ug/L	97
48) 2-Hexanone	8.36	43	1053024	396.85	ug/L	97
49) Dibromochloromethane	8.48	129	585230	203.10	ug/L	99
50) 1,2-Dibromoethane	8.59	107	517644	198.88	ug/L	99
51) Chlorobenzene	9.12	112	1312268	200.50	ug/L	100
52) Ethylbenzene	9.25	91	2237997	210.44	ug/L	99
53) m,p-Xylene	9.38	106	870877	213.67	ug/L	96
54) o-xylene	9.78	106	857180	212.65	ug/L	95
55) Styrene	9.80	104	1491856	221.12	ug/L	98
56) Isopropylbenzene	10.17	105	2265459	218.71	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	808296	199.82	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	633275	197.55	ug/L	100
61) Bromoform	9.96	173	473763	186.76	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1127679	192.62	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	1165555	190.01	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	1145767	184.27	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	189028	174.26	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	899556	204.57	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	816089	217.82	ug/L	99
69) Naphthalene	13.74	128	2570994	215.34	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	835726	208.31	ug/L	98

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

