

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082218\
 Data File : VU026241.D
 Acq On : 22 Aug 2018 12:05
 Operator : MD/SY
 Sample : VSTD05042
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05042

Quant Time: Aug 23 04:41:29 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	303043	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290599	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	93001	43.33	ug/L	0.00
7) Chloroethane-d5	1.68	69	77002	45.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	187228	45.93	ug/L	0.00
21) 2-Butanone-d5	4.18	46	150930	84.92	ug/L	0.00
24) Chloroform-d	4.65	84	211587	46.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	135777	43.99	ug/L	0.00
32) Benzene-d6	5.35	84	406606	46.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	126466	44.60	ug/L	0.00
41) Toluene-d8	7.57	98	392584	46.56	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	67637	46.98	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	113834	89.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	188100	45.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	163935	44.36	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129262	49.21	ug/L	100
3) Chloromethane	1.33	50	119117	50.22	ug/L	100
5) Vinyl chloride	1.40	62	116268	50.97	ug/L	100
6) Bromomethane	1.63	94	74085	59.05	ug/L	100
8) Chloroethane	1.70	64	68749	50.08	ug/L	100
9) Trichlorofluoromethane	1.89	101	167706	50.97	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	94548	50.09	ug/L	100
12) 1,1-Dichloroethene	2.28	96	85612	49.47	ug/L	100
13) Acetone	2.32	43	120422	103.50	ug/L	100
14) Carbon disulfide	2.48	76	316549	54.06	ug/L	100
15) Methyl Acetate	2.62	43	117100	49.09	ug/L	100
16) Methylene chloride	2.70	84	112893	50.18	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	102196	52.10	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	323234	50.52	ug/L	100
19) 1,1-Dichloroethane	3.45	63	197836	51.84	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	116066	51.42	ug/L	100
22) 2-Butanone	4.26	43	164918	99.95	ug/L	100
23) Bromochloromethane	4.55	128	62890	52.25	ug/L	100
25) Chloroform	4.68	83	204008	51.56	ug/L	100
27) 1,2-Dichloroethane	5.41	62	163561	50.38	ug/L	100
29) Cyclohexane	5.00	56	165835	51.15	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	184868	50.38	ug/L	100
31) Carbon tetrachloride	5.14	117	171571	51.20	ug/L	100
33) Benzene	5.39	78	437471	52.49	ug/L	100
34) Trichloroethene	6.19	95	110677	51.08	ug/L	100
35) Methylcyclohexane	6.42	83	179700	53.89	ug/L	100
37) 1,2-Dichloropropane	6.44	63	118580	52.08	ug/L	100
38) Bromodichloromethane	6.76	83	156980	51.80	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	180812	52.78	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	301889	98.38	ug/L	100

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42) Toluene	7.64	91	471266	53.33	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	174042	53.01	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	112427	52.02	ug/L	100
46) Tetrachloroethene	8.23	164	94777	51.27	ug/L	100
48) 2-Hexanone	8.36	43	244237	101.39	ug/L	100
49) Dibromochloromethane	8.48	129	137800	52.68	ug/L	100
50) 1,2-Dibromoethane	8.59	107	122461	51.83	ug/L	100
51) Chlorobenzene	9.12	112	309003	52.01	ug/L	100
52) Ethylbenzene	9.25	91	510934	52.92	ug/L	100
53) m,p-Xylene	9.38	106	201504	54.46	ug/L	100
54) o-xylene	9.78	106	195020	53.29	ug/L	100
55) Styrene	9.79	104	337590	55.12	ug/L	100
56) Isopropylbenzene	10.17	105	502501	53.44	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	188283	51.27	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	146479	50.33	ug/L	100
61) Bromoform	9.96	173	104665	50.13	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	245215	50.89	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	252175	49.95	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	259376	50.68	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	43400	48.61	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	191450	52.90	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	166496	53.99	ug/L	100
69) Naphthalene	13.74	128	534612	54.40	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	180766	54.74	ug/L	100

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

