

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026424.D
 Acq On : 29 Aug 2018 15:19
 Operator : MD/SY
 Sample : VSTD05049
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Aug 30 01:57:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 01:55:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	153426	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	76850	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49068	51.62	ug/L	0.00
7) Chloroethane-d5	1.68	69	42964	50.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	109787	51.28	ug/L	0.00
21) 2-Butanone-d5	4.18	46	76116	103.17	ug/L	0.00
24) Chloroform-d	4.65	84	91382	50.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	60651	50.74	ug/L	0.00
32) Benzene-d6	5.35	84	177563	52.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	59976	51.24	ug/L	0.00
41) Toluene-d8	7.57	98	173425	52.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	27748	51.91	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	57278	106.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88337	51.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	71825	51.51	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60346	50.44	ug/L	100
3) Chloromethane	1.33	50	76154	51.55	ug/L	100
5) Vinyl chloride	1.40	62	81481	50.88	ug/L	100
6) Bromomethane	1.62	94	46477	48.96	ug/L	100
8) Chloroethane	1.70	64	48901	50.86	ug/L	100
9) Trichlorofluoromethane	1.89	101	100939	49.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	57953	51.00	ug/L	100
12) 1,1-Dichloroethene	2.28	96	55711	50.87	ug/L	100
13) Acetone	2.32	43	60757	95.10	ug/L	100
14) Carbon disulfide	2.48	76	154349	49.80	ug/L	100
15) Methyl Acetate	2.62	43	63345	50.50	ug/L	100
16) Methylene chloride	2.70	84	56165	49.88	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	49393	49.86	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	152275	50.64	ug/L	100
19) 1,1-Dichloroethane	3.45	63	97819	50.26	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	56108	50.56	ug/L	100
22) 2-Butanone	4.27	43	88382	102.92	ug/L	100
23) Bromochloromethane	4.55	128	29009	50.74	ug/L	100
25) Chloroform	4.68	83	99303	49.96	ug/L	100
27) 1,2-Dichloroethane	5.41	62	81352	50.75	ug/L	100
29) Cyclohexane	5.00	56	85171	52.88	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	82691	50.83	ug/L	100
31) Carbon tetrachloride	5.14	117	75286	50.94	ug/L	100
33) Benzene	5.39	78	219709	51.84	ug/L	100
34) Trichloroethene	6.19	95	53602	50.42	ug/L	100
35) Methylcyclohexane	6.42	83	88417	53.27	ug/L	100
37) 1,2-Dichloropropane	6.44	63	60930	51.93	ug/L	100
38) Bromodichloromethane	6.76	83	76489	51.12	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	87489	52.33	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	168869	106.73	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	235664	53.29	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	81904	51.40	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	54719	50.91	ug/L	100
46) Tetrachloroethene	8.23	164	43556	50.12	ug/L	100
48) 2-Hexanone	8.36	43	134695	108.09	ug/L	100
49) Dibromochloromethane	8.48	129	61903	51.12	ug/L	100
50) 1,2-Dibromoethane	8.59	107	59132	51.67	ug/L	100
51) Chlorobenzene	9.12	112	148503	50.22	ug/L	100
52) Ethylbenzene	9.25	91	252408	52.48	ug/L	100
53) m,p-Xylene	9.38	106	95558	53.21	ug/L	100
54) o-xylene	9.78	106	93818	53.57	ug/L	100
55) Styrene	9.80	104	166171	54.32	ug/L	100
56) Isopropylbenzene	10.17	105	245637	53.58	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	96661	51.06	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	75030	51.25	ug/L	100
61) Bromoform	9.96	173	47815	50.41	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	112703	50.12	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	120200	50.54	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	121019	51.02	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	19886	49.86	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	92199	50.80	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	81789	51.60	ug/L	100
69) Naphthalene	13.74	128	271594	54.88	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	89957	51.68	ug/L	100

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

