

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032459.D
 Acq On : 05 Jun 2019 14:20
 Operator : JC/SP
 Sample : VSTD05056
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05056

Quant Time: Jun 06 02:06:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 06 02:03:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	210416	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196809	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106175	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67681	44.78	ug/L	0.00
7) Chloroethane-d5	1.67	69	55488	45.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	133396	48.54	ug/L	0.00
21) 2-Butanone-d5	4.17	46	119402	113.77	ug/L	0.00
24) Chloroform-d	4.64	84	128082	47.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	78626	49.15	ug/L	0.00
32) Benzene-d6	5.33	84	255713	49.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	79235	49.37	ug/L	0.00
41) Toluene-d8	7.56	98	242687	50.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	40008	53.69	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	82578	117.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118479	48.36	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	100417	46.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	93019	55.353	ug/L 100
3) Chloromethane	1.32	50	91017	51.774	ug/L 100
5) Vinyl chloride	1.40	62	89431	50.502	ug/L 100
6) Bromomethane	1.62	94	55154	49.062	ug/L 100
8) Chloroethane	1.69	64	52329	48.863	ug/L 100
9) Trichlorofluoromethane	1.88	101	120293	53.395	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	63043	47.699	ug/L 100
12) 1,1-Dichloroethene	2.28	96	60948	45.609	ug/L 100
13) Acetone	2.31	43	118533	117.440	ug/L 100
14) Carbon disulfide	2.47	76	186962	46.439	ug/L 100
15) Methyl Acetate	2.61	43	87518	55.417	ug/L 100
16) Methylene chloride	2.69	84	70306	45.106	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	66926	48.112	ug/L 100
18) Methyl tert-butyl Ether	2.99	73	219621	51.453	ug/L 100
19) 1,1-Dichloroethane	3.44	63	122338	48.266	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	75371	48.272	ug/L 100
22) 2-Butanone	4.25	43	145379	120.375	ug/L 100
23) Bromochloromethane	4.54	128	39961	48.458	ug/L 100
25) Chloroform	4.67	83	125658	47.860	ug/L 100
27) 1,2-Dichloroethane	5.40	62	99296	50.360	ug/L 100
29) Cyclohexane	4.99	56	115265	56.003	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	113248	53.714	ug/L 100
31) Carbon tetrachloride	5.13	117	102093	56.010	ug/L 100
33) Benzene	5.38	78	275078	49.844	ug/L 100
34) Trichloroethene	6.18	95	73492	51.346	ug/L 100
35) Methylcyclohexane	6.41	83	119205	54.235	ug/L 100
37) 1,2-Dichloropropane	6.43	63	71417	49.495	ug/L 100
38) Bromodichloromethane	6.75	83	94330	50.671	ug/L 100
39) cis-1,3-Dichloropropene	7.26	75	115018	53.274	ug/L 100
40) 4-Methyl-2-pentanone	7.45	43	241785	122.303	ug/L 100

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42) Toluene	7.63	91	301864	50.313	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	104180	54.749	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	70215	49.779	ug/L	100
46) Tetrachloroethene	8.22	164	61194	52.214	ug/L	100
48) 2-Hexanone	8.36	43	200621	124.090	ug/L	100
49) Dibromochloromethane	8.47	129	81585	52.668	ug/L	100
50) 1,2-Dibromoethane	8.58	107	77873	51.907	ug/L	100
51) Chlorobenzene	9.11	112	193478	49.961	ug/L	100
52) Ethylbenzene	9.24	91	335931	52.198	ug/L	100
53) m,p-Xylene	9.37	106	127728	51.888	ug/L	100
54) o-xylene	9.77	106	126924	51.351	ug/L	100
55) Styrene	9.79	104	216569	52.364	ug/L	100
56) Isopropylbenzene	10.16	105	337740	53.446	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	119133	48.936	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	95687	49.783	ug/L	100
61) Bromoform	9.95	173	62677	46.438	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	159434	49.047	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	157763	47.567	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	161653	47.675	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	29227	51.722	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	123264	50.887	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	112408	58.664	ug/L	100
69) Naphthalene	13.74	128	358761	62.197	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	112914	55.427	ug/L	100

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

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