

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032290.D
 Acq On : 24 May 2019 05:07
 Operator : JC/SP
 Sample : VSTD10055
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10055

Quant Time: May 24 05:30:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 05:08:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	686378	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	677874	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	336534	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	338322	78.55	ug/L	0.00
7) Chloroethane-d5	1.66	69	329821	86.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	682871	82.57	ug/L	0.00
21) 2-Butanone-d5	4.17	46	725144	249.14	ug/L	0.00
24) Chloroform-d	4.64	84	881313	98.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	554926	104.25	ug/L	0.00
32) Benzene-d6	5.33	84	1758216	100.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	555871	107.37	ug/L	0.00
41) Toluene-d8	7.56	98	1620161	97.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	268294	106.34	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	543131	237.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	940937	111.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	688189	97.77	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	399600	74.297	ug/L 98
3) Chloromethane	1.32	50	486753	98.532	ug/L 98
5) Vinyl chloride	1.40	62	467366	86.642	ug/L 100
6) Bromomethane	1.60	94	361250	94.918	ug/L 100
8) Chloroethane	1.68	64	304872	91.544	ug/L 98
9) Trichlorofluoromethane	1.87	101	584439	78.045	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	348741	78.206	ug/L 98
12) 1,1-Dichloroethene	2.28	96	385820	85.488	ug/L 88
13) Acetone	2.32	43	494924	178.585	ug/L 99
14) Carbon disulfide	2.47	76	1108899	84.067	ug/L 100
15) Methyl Acetate	2.61	43	519534	121.041	ug/L 99
16) Methylene chloride	2.69	84	540478	100.007	ug/L 99
17) trans-1,2-Dichloroethene	2.97	96	444004	93.790	ug/L 98
18) Methyl tert-butyl Ether	2.99	73	1597313	112.476	ug/L 100
19) 1,1-Dichloroethane	3.44	63	810335	98.892	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	547042	100.677	ug/L 96
22) 2-Butanone	4.25	43	783751	241.296	ug/L 100
23) Bromochloromethane	4.54	128	300213	102.401	ug/L 95
25) Chloroform	4.67	83	897242	99.868	ug/L 98
27) 1,2-Dichloroethane	5.40	62	707055	105.625	ug/L 98
29) Cyclohexane	4.99	56	551970	90.391	ug/L 97
30) 1,1,1-Trichloroethane	4.91	97	663566	92.673	ug/L 100
31) Carbon tetrachloride	5.13	117	542507	87.231	ug/L 99
33) Benzene	5.38	78	1925927	101.082	ug/L 100
34) Trichloroethene	6.18	95	466402	92.522	ug/L 97
35) Methylcyclohexane	6.41	83	602636	82.175	ug/L 98
37) 1,2-Dichloropropane	6.43	63	506156	107.228	ug/L 100
38) Bromodichloromethane	6.75	83	692242	106.653	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	788736	108.079	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	1495500	267.420	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	2090806	100.296	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	703275	108.081	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	561662	109.516	ug/L	99
46) Tetrachloroethene	8.22	164	350843	86.281	ug/L	97
48) 2-Hexanone	8.36	43	1200852	252.440	ug/L	99
49) Dibromochloromethane	8.47	129	603606	110.420	ug/L	100
50) 1,2-Dibromoethane	8.58	107	607839	112.254	ug/L	99
51) Chlorobenzene	9.12	112	1357886	96.453	ug/L	99
52) Ethylbenzene	9.24	91	2166508	97.435	ug/L	100
53) m,p-Xylene	9.37	106	852287	97.713	ug/L	96
54) o-xylene	9.77	106	881740	101.796	ug/L	96
55) Styrene	9.79	104	1574592	105.577	ug/L	100
56) Isopropylbenzene	10.16	105	2106550	95.649	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	964243	111.713	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	763235	115.472	ug/L	100
61) Bromoform	9.95	173	488519	111.652	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	1050752	96.308	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1070064	93.032	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	1134247	98.476	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	217760	118.196	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	770820	92.938	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	678146	104.665	ug/L	97
69) Naphthalene	13.74	128	2538328	126.757	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	752102	102.925	ug/L	99

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

