

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062719\
 Data File : VU033056.D
 Acq On : 27 Jun 2019 10:53
 Operator : JC/SP
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Quant Time: Jun 28 01:36:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 28 01:32:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93635	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	95027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62687	10.06	ug/L	0.00
7) Chloroethane-d5	1.67	69	52600	10.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	137327	10.15	ug/L	0.00
20) 2-Butanone-d5	4.18	46	194999	103.06	ug/L	0.00
24) Chloroform-d	4.64	84	131142	10.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	73639	9.96	ug/L	0.00
32) Benzene-d6	5.33	84	242301	10.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	78071	10.20	ug/L	0.00
41) Toluene-d8	7.56	98	240233	10.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	34715	10.84	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	151544	113.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	67208	10.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	99236	10.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	95710	9.929 ug/L	98
3) Chloromethane	1.33	50	87275	9.613 ug/L	99
5) Vinyl chloride	1.40	62	89027	9.721 ug/L	98
6) Bromomethane	1.62	94	47780	9.952 ug/L	96
8) Chloroethane	1.69	64	52149	9.828 ug/L	100
9) Trichlorofluoromethane	1.88	101	131149	10.104 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	66856	9.953 ug/L	99
12) 1,1-Dichloroethene	2.28	96	60796	9.755 ug/L	98
13) Acetone	2.32	43	146537	91.902 ug/L	98
14) Carbon disulfide	2.47	76	203166	9.797 ug/L	99
15) Methyl Acetate	2.61	43	34711	9.410 ug/L	100
16) Methylene chloride	2.69	84	67646	9.465 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	171063	9.783 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	66491	9.746 ug/L	96
19) 1,1-Dichloroethane	3.43	63	132308	9.868 ug/L	98
21) 2-Butanone	4.27	43	217431	96.872 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	74703	10.080 ug/L	96
23) Bromochloromethane	4.54	128	33387	10.153 ug/L	98
25) Chloroform	4.67	83	137915	10.121 ug/L	97
27) 1,2-Dichloroethane	5.40	62	93324	10.001 ug/L	# 96
29) 1,1,1-Trichloroethane	4.90	97	119546	9.902 ug/L	100
30) Cyclohexane	4.98	56	114398	10.227 ug/L	99
31) Carbon tetrachloride	5.12	117	109449	9.964 ug/L	99
33) Benzene	5.38	78	280651	10.018 ug/L	100
34) Trichloroethene	6.18	95	76551	9.978 ug/L	100
35) Methylcyclohexane	6.40	83	120761	10.572 ug/L	97
37) 1,2-Dichloropropane	6.43	63	75409	10.037 ug/L	99
38) Bromodichloromethane	6.75	83	98773	9.971 ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	114457	10.448 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	534036	103.129 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	310234	10.367	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	92666	10.380	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	52171	9.902	ug/L	99
47) Tetrachloroethene	8.22	164	63719	10.324	ug/L	98
48) 2-Hexanone	8.36	43	389971	105.239	ug/L	99
49) Dibromochloromethane	8.47	129	68528	10.252	ug/L	99
50) 1,2-Dibromoethane	8.58	107	51765	10.078	ug/L	98
51) Chlorobenzene	9.11	112	196214	9.925	ug/L	98
52) Ethylbenzene	9.24	91	344260	10.449	ug/L	99
53) m,p-Xylene	9.37	106	128944	10.783	ug/L	98
54) o-Xylene	9.77	106	126494	10.853	ug/L	97
55) Styrene	9.78	104	217153	11.007	ug/L	98
56) Isopropylbenzene	10.16	105	340466	10.761	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	68757	10.060	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	49245	9.794	ug/L	100
61) Bromoform	9.95	173	39510	9.937	ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	163363	10.001	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	169396	9.940	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	159716	10.081	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	11617	10.663	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	133699	10.269	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	108281	11.638	ug/L	99
69) Naphthalene	13.74	128	169446	13.661	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	103319	11.325	ug/L	97

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

