

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093019\
 Data File : VU034879.D
 Acq On : 30 Sep 2019 14:05
 Operator : JC/SP
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Quant Time: Sep 30 17:01:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 30 16:58:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170484	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	83000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124350	9.31	ug/L	0.00
7) Chloroethane-d5	1.67	69	99028	9.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	208060	8.89	ug/L	0.00
20) 2-Butanone-d5	4.16	46	356388	105.53	ug/L	-0.01
24) Chloroform-d	4.62	84	208990	10.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	126984	10.51	ug/L	0.00
32) Benzene-d6	5.32	84	419588	9.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	137436	9.30	ug/L	0.00
41) Toluene-d8	7.54	98	408736	9.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	54396	9.21	ug/L	0.00
46) 2-Hexanone-d5	8.29	63	266533	99.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	112648	9.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	137265	9.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	97414	7.856	ug/L 99
3) Chloromethane	1.32	50	79095	6.976	ug/L 99
5) Vinyl chloride	1.40	62	88090	7.260	ug/L 98
6) Bromomethane	1.61	94	42957	7.138	ug/L 96
8) Chloroethane	1.69	64	48426	6.896	ug/L 96
9) Trichlorofluoromethane	1.87	101	122448	7.573	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	71715	7.812	ug/L 97
12) 1,1-Dichloroethene	2.27	96	56214	7.058	ug/L 93
13) Acetone	2.31	43	235402	90.978	ug/L 99
14) Carbon disulfide	2.46	76	91939	4.750	ug/L 99
15) Methyl Acetate	2.60	43	51859	8.516	ug/L 97
16) Methylene chloride	2.68	84	77651	7.225	ug/L 100
17) Methyl tert-butyl Ether	2.98	73	245920	8.535	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	55732	6.718	ug/L 97
19) 1,1-Dichloroethane	3.42	63	177489	8.541	ug/L 98
21) 2-Butanone	4.25	43	384718	103.338	ug/L 96
22) cis-1,2-Dichloroethene	4.20	96	91279	8.083	ug/L 93
23) Bromochloromethane	4.52	128	36581	8.768	ug/L 96
25) Chloroform	4.65	83	205186	8.690	ug/L 98
27) 1,2-Dichloroethane	5.38	62	126160	9.304	ug/L 99
29) 1,1,1-Trichloroethane	4.89	97	153136	8.936	ug/L 99
30) Cyclohexane	4.96	56	111779	6.538	ug/L 99
31) Carbon tetrachloride	5.11	117	119351	8.624	ug/L 99
33) Benzene	5.36	78	333903	7.770	ug/L 100
34) Trichloroethene	6.16	95	85099	7.906	ug/L 99
35) Methylcyclohexane	6.39	83	108730	6.464	ug/L 99
37) 1,2-Dichloropropane	6.41	63	111028	8.235	ug/L 100
38) Bromodichloromethane	6.73	83	140109	8.586	ug/L 94
39) cis-1,3-Dichloropropene	7.25	75	153505	8.218	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	985046	94.785	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	368761	7.920	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	129500	8.476	ug/L	97
45) 1,1,2-Trichloroethane	8.04	97	79713	9.109	ug/L	97
47) Tetrachloroethene	8.20	164	57719	8.681	ug/L	91
48) 2-Hexanone	8.34	43	674076	96.090	ug/L	99
49) Dibromochloromethane	8.45	129	94623	9.250	ug/L	100
50) 1,2-Dibromoethane	8.57	107	66626	8.597	ug/L	99
51) Chlorobenzene	9.10	112	243046	8.288	ug/L	99
52) Ethylbenzene	9.23	91	440726	8.182	ug/L	100
53) m,p-Xylene	9.35	106	152899	8.017	ug/L	97
54) o-Xylene	9.76	106	163340	8.487	ug/L	96
55) Styrene	9.77	104	284095	8.839	ug/L	98
56) Isopropylbenzene	10.14	105	463901	8.625	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	117824	9.235	ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	82445	9.249	ug/L	97
61) Bromoform	9.94	173	51155	9.396	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	210487	8.781	ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	212440	8.914	ug/L	100
65) 1,2-Dichlorobenzene	11.85	146	214972	9.063	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	17793	8.569	ug/L	92
67) 1,3,5-Trichlorobenzene	12.86	180	164634	10.269	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	132223	10.409	ug/L	97
69) Naphthalene	13.72	128	236573	7.961	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	127656	10.623	ug/L	98

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

