

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093019\
 Data File : VU034877.D
 Acq On : 30 Sep 2019 13:16
 Operator : JC/SP
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Quant Time: Sep 30 17:01:24 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	165911	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	75244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10831	0.83	ug/L	0.00
7) Chloroethane-d5	1.68	69	9508	0.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	20089	0.88	ug/L	0.00
20) 2-Butanone-d5	4.19	46	32104	9.77	ug/L	0.01
24) Chloroform-d	4.63	84	18449	0.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	12325	1.05	ug/L	0.00
32) Benzene-d6	5.32	84	36708	0.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	12703	0.89	ug/L	0.00
41) Toluene-d8	7.55	98	36191	0.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	4178	0.73	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	21854	8.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	9466	0.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	11748	0.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	9227	0.765 ug/L	100
3) Chloromethane	1.32	50	7854	0.712 ug/L	97
5) Vinyl chloride	1.40	62	8241	0.698 ug/L	99
6) Bromomethane	1.62	94	4040	0.690 ug/L	99
8) Chloroethane	1.69	64	4694	0.687 ug/L	93
9) Trichlorofluoromethane	1.88	101	11433	0.727 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	7622	0.853 ug/L	97
12) 1,1-Dichloroethene	2.27	96	5163	0.666 ug/L	93
13) Acetone	2.33	43	24643	9.787 ug/L	100
14) Carbon disulfide	2.46	76	8996	0.478 ug/L #	93
15) Methyl Acetate	2.61	43	5312	0.896 ug/L	99
16) Methylene chloride	2.68	84	9274	0.887 ug/L	97
17) Methyl tert-butyl Ether	2.99	73	23978	0.855 ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	5475	0.678 ug/L	89
19) 1,1-Dichloroethane	3.42	63	17096	0.845 ug/L	100
21) 2-Butanone	4.28	43	34543	9.534 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	8051	0.733 ug/L	93
23) Bromochloromethane	4.52	128	3433	0.845 ug/L	94
25) Chloroform	4.65	83	22159	0.964 ug/L	96
27) 1,2-Dichloroethane	5.39	62	12308	0.933 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	13642	0.823 ug/L	97
30) Cyclohexane	4.96	56	9991	0.604 ug/L #	93
31) Carbon tetrachloride	5.11	117	10622	0.794 ug/L	99
33) Benzene	5.37	78	30924	0.744 ug/L	100
34) Trichloroethene	6.17	95	8009	0.769 ug/L	98
35) Methylcyclohexane	6.39	83	10253	0.630 ug/L	98
37) 1,2-Dichloropropane	6.41	63	10494	0.805 ug/L #	97
38) Bromodichloromethane	6.74	83	12888	0.817 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	12262	0.679 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	87999	8.757 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	32169	0.715	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	10130	0.686	ug/L	95
45) 1,1,2-Trichloroethane	8.05	97	7591	0.897	ug/L	96
47) Tetrachloroethene	8.21	164	5466	0.850	ug/L	91
48) 2-Hexanone	8.35	43	54914	8.096	ug/L	97
49) Dibromochloromethane	8.46	129	7593	0.768	ug/L	97
50) 1,2-Dibromoethane	8.57	107	5642	0.753	ug/L #	96
51) Chlorobenzene	9.10	112	22681	0.800	ug/L	99
52) Ethylbenzene	9.23	91	39562	0.760	ug/L	98
53) m,p-Xylene	9.36	106	13709	0.743	ug/L	98
54) o-Xylene	9.76	106	14344	0.771	ug/L	85
55) Styrene	9.77	104	22756	0.732	ug/L	99
56) Isopropylbenzene	10.14	105	40049	0.770	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	10777	0.874	ug/L	96
59) 1,2,3-Trichloropropane	10.47	75	7598	0.881	ug/L	88
61) Bromoform	9.94	173	4156	0.842	ug/L #	98
62) 1,3-Dichlorobenzene	11.40	146	18229	0.839	ug/L	96
63) 1,4-Dichlorobenzene	11.49	146	19194	0.888	ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	19399	0.902	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	1289	0.685	ug/L	89
67) 1,3,5-Trichlorobenzene	12.87	180	13720	0.944	ug/L	96
68) 1,2,4-trichlorobenzene	13.49	180	7466	0.648	ug/L	94
69) Naphthalene	13.74	128	10693	0.397	ug/L #	84
70) 1,2,3-Trichlorobenzene	13.97	180	8329	0.765	ug/L	99

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

