

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091519\
 Data File : VU034552.D
 Acq On : 15 Sep 2019 09:13
 Operator : JC/SP
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01005

Quant Time: Sep 16 02:08:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 02:04:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	203636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	92563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	134251	7.89	ug/L	0.00
7) Chloroethane-d5	1.67	69	108455	7.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	212443	6.62	ug/L	0.00
20) 2-Butanone-d5	4.17	46	433147	101.25	ug/L	0.00
24) Chloroform-d	4.62	84	260785	8.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	135329	8.50	ug/L	0.00
32) Benzene-d6	5.31	84	530727	9.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	175930	10.24	ug/L	0.00
41) Toluene-d8	7.54	98	491280	10.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	78302	11.86	ug/L	0.00
46) 2-Hexanone-d5	8.29	63	349873	127.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	143002	10.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	164230	9.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	85912	4.100	ug/L 98
3) Chloromethane	1.32	50	126399	5.847	ug/L 98
5) Vinyl chloride	1.40	62	115218	5.171	ug/L 99
6) Bromomethane	1.62	94	55852	5.335	ug/L 98
8) Chloroethane	1.69	64	71762	5.125	ug/L 98
9) Trichlorofluoromethane	1.87	101	131250	5.223	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	66980	4.742	ug/L 96
12) 1,1-Dichloroethene	2.27	96	74404	5.275	ug/L 98
13) Acetone	2.32	43	258241	80.410	ug/L 97
14) Carbon disulfide	2.46	76	199112	4.100	ug/L 97
15) Methyl Acetate	2.60	43	58491	6.791	ug/L 98
16) Methylene chloride	2.68	84	102753	5.995	ug/L 96
17) Methyl tert-butyl Ether	2.98	73	310579	7.976	ug/L 99
18) trans-1,2-Dichloroethene	2.96	96	86586	5.619	ug/L 94
19) 1,1-Dichloroethane	3.42	63	237390	7.588	ug/L 99
21) 2-Butanone	4.25	43	446952	95.012	ug/L 98
22) cis-1,2-Dichloroethene	4.20	96	134674	8.063	ug/L # 95
23) Bromochloromethane	4.52	128	55470	7.431	ug/L 91
25) Chloroform	4.65	83	238570	7.290	ug/L 99
27) 1,2-Dichloroethane	5.38	62	145466	7.562	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	173516	7.761	ug/L 99
30) Cyclohexane	4.96	56	131176	6.094	ug/L 98
31) Carbon tetrachloride	5.11	117	138505	7.121	ug/L 100
33) Benzene	5.36	78	498562	8.597	ug/L 100
34) Trichloroethene	6.16	95	124158	8.259	ug/L 96
35) Methylcyclohexane	6.39	83	127969	6.017	ug/L 97
37) 1,2-Dichloropropane	6.41	63	145719	9.016	ug/L 100
38) Bromodichloromethane	6.73	83	184781	9.310	ug/L 98
39) cis-1,3-Dichloropropene	7.25	75	224856	10.312	ug/L 100
40) 4-Methyl-2-pentanone	7.44	43	1116034	110.360	ug/L 100

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42) Toluene	7.61	91	530134	9.060	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	180914	10.229	ug/L	97
45) 1,1,2-Trichloroethane	8.04	97	101235	9.248	ug/L	98
47) Tetrachloroethene	8.21	164	74889	6.628	ug/L	97
48) 2-Hexanone	8.34	43	777700	110.882	ug/L	98
49) Dibromochloromethane	8.46	129	125746	9.649	ug/L	93
50) 1,2-Dibromoethane	8.57	107	93210	8.975	ug/L	98
51) Chlorobenzene	9.10	112	347273	8.975	ug/L	97
52) Ethylbenzene	9.23	91	605341	9.703	ug/L	98
53) m,p-Xylene	9.35	106	219086	9.448	ug/L	97
54) o-Xylene	9.76	106	221411	10.012	ug/L	98
55) Styrene	9.77	104	396059	10.425	ug/L	96
56) Isopropylbenzene	10.14	105	572439	9.770	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	141802	9.703	ug/L	97
59) 1,2,3-Trichloropropane	10.47	75	94844	9.159	ug/L	96
61) Bromoform	9.94	173	68568	9.813	ug/L	96
62) 1,3-Dichlorobenzene	11.39	146	269586	9.388	ug/L	98
63) 1,4-Dichlorobenzene	11.48	146	269787	9.079	ug/L	100
65) 1,2-Dichlorobenzene	11.85	146	258612	9.327	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.63	75	23545	10.420	ug/L	99
67) 1,3,5-Trichlorobenzene	12.86	180	191636	8.696	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	168627	10.095	ug/L	99
69) Naphthalene	13.72	128	375578	13.455	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	155009	9.665	ug/L	97

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

