

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\
 Data File : VU032425.D
 Acq On : 04 Jun 2019 14:04
 Operator : JC/SP
 Sample : VSTD02013
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02013

Quant Time: Jun 04 22:36:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:32:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	107743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	99441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	144525	17.00	ug/L	0.00
7) Chloroethane-d5	1.67	69	135703	19.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	292200	16.72	ug/L	0.00
20) 2-Butanone-d5	4.19	46	424099	209.01	ug/L	0.00
24) Chloroform-d	4.64	84	265473	20.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	136917	20.94	ug/L	0.00
32) Benzene-d6	5.33	84	522190	19.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	161848	19.52	ug/L	0.00
41) Toluene-d8	7.56	98	489430	19.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	73413	21.47	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	367362	221.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143092	21.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	193222	19.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	178901	20.034	ug/L 100
3) Chloromethane	1.32	50	179352	16.825	ug/L 99
5) Vinyl chloride	1.40	62	185614	17.419	ug/L 100
6) Bromomethane	1.63	94	122499	18.798	ug/L 98
8) Chloroethane	1.69	64	126844	19.043	ug/L 98
9) Trichlorofluoromethane	1.88	101	261514	18.298	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	140355	17.196	ug/L 99
12) 1,1-Dichloroethene	2.28	96	132937	16.690	ug/L 92
13) Acetone	2.33	43	281066	171.802	ug/L 100
14) Carbon disulfide	2.47	76	431833	15.809	ug/L 100
15) Methyl Acetate	2.62	43	74585	15.878	ug/L 99
16) Methylene chloride	2.69	84	142830	14.332	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	394814	17.762	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	142616	16.517	ug/L 95
19) 1,1-Dichloroethane	3.43	63	260616	19.421	ug/L 98
21) 2-Butanone	4.27	43	444419	202.922	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	164169	20.811	ug/L 99
23) Bromochloromethane	4.54	128	74252	21.082	ug/L 98
25) Chloroform	4.67	83	269242	20.590	ug/L 99
27) 1,2-Dichloroethane	5.40	62	176441	20.994	ug/L 99
29) 1,1,1-Trichloroethane	4.91	97	246538	22.031	ug/L 99
30) Cyclohexane	4.98	56	254229	19.710	ug/L 99
31) Carbon tetrachloride	5.13	117	225753	22.890	ug/L 99
33) Benzene	5.38	78	586642	20.022	ug/L 100
34) Trichloroethene	6.18	95	161994	19.887	ug/L 98
35) Methylcyclohexane	6.40	83	268251	21.839	ug/L 99
37) 1,2-Dichloropropane	6.43	63	152829	19.856	ug/L 99
38) Bromodichloromethane	6.75	83	199686	21.479	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	247263	22.273	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	1115100	217.428	ug/L 100

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42) Toluene	7.63	91	654726	20.617	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	199356	23.063	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	111976	20.828	ug/L	97
47) Tetrachloroethene	8.22	164	133635	21.471	ug/L	96
48) 2-Hexanone	8.36	43	804588	225.084	ug/L	99
49) Dibromochloromethane	8.47	129	147374	22.670	ug/L	99
50) 1,2-Dibromoethane	8.58	107	112960	21.672	ug/L	99
51) Chlorobenzene	9.11	112	413607	21.033	ug/L	99
52) Ethylbenzene	9.24	91	734508	21.646	ug/L	100
53) m,p-Xylene	9.37	106	279019	21.732	ug/L	98
54) o-Xylene	9.77	106	275469	22.026	ug/L	98
55) Styrene	9.79	104	466580	22.329	ug/L	99
56) Isopropylbenzene	10.16	105	733519	22.378	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	144624	21.278	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	101287	21.145	ug/L	99
61) Bromoform	9.95	173	89906	21.613	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	344851	21.318	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	338319	20.658	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	325808	20.781	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	25625	21.941	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	279296	21.281	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	249899	23.098	ug/L	99
69) Naphthalene	13.74	128	468917	14.699	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	228155	21.818	ug/L	97

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

