

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081419\
 Data File : VU033794.D
 Acq On : 14 Aug 2019 11:14
 Operator : JC/SP
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 15 14:23:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 15 14:18:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	203850	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	207209	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	117335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208160	9.02	ug/L	0.00
7) Chloroethane-d5	1.67	69	164021	9.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	65	95376	9.00	ug/L	0.00
20) 2-Butanone-d5	4.18	46	431324	96.75	ug/L	0.00
24) Chloroform-d	4.62	84	309401	8.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	157026	8.72	ug/L	0.00
32) Benzene-d6	5.32	84	605179	9.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	185537	9.19	ug/L	0.00
41) Toluene-d8	7.55	98	573301	9.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	78637	9.84	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	359020	112.77	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.41	84	161900	9.28	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.84	152	220532	9.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	266685	9.025 ug/L	99
3) Chloromethane	1.32	50	275197	8.974 ug/L	98
5) Vinyl chloride	1.39	62	304068	9.093 ug/L	97
6) Bromomethane	1.62	94	176800	9.085 ug/L	100
8) Chloroethane	1.69	64	177712	8.997 ug/L	99
9) Trichlorofluoromethane	1.87	101	418684	9.140 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	220331	9.064 ug/L	100
12) 1,1-Dichloroethene	2.27	96	211663	9.011 ug/L	92
13) Acetone	2.34	43	435525	91.972 ug/L	# 50
14) Carbon disulfide	2.46	76	720645	9.034 ug/L	100
15) Methyl Acetate	2.61	43	109454	8.863 ug/L	99
16) Methylene chloride	2.68	84	236573	8.627 ug/L	99
17) Methyl tert-butyl Ether	2.98	73	559994	9.208 ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	230227	9.127 ug/L	97
19) 1,1-Dichloroethane	3.42	63	357876	9.076 ug/L	99
21) 2-Butanone	4.27	43	556700	95.272 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	202757	9.422 ug/L	98
23) Bromochloromethane	4.52	128	95383	9.246 ug/L	98
25) Chloroform	4.65	83	368070	8.672 ug/L	98
27) 1,2-Dichloroethane	5.38	62	240555	9.199 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	307625	9.123 ug/L	98
30) Cyclohexane	4.97	56	308197	10.098 ug/L	100
31) Carbon tetrachloride	5.11	117	280880	9.362 ug/L	97
33) Benzene	5.36	78	794030	9.581 ug/L	100
34) Trichloroethene	6.16	95	202703	9.326 ug/L	99
35) Methylcyclohexane	6.39	83	335530	10.296 ug/L	97
37) 1,2-Dichloropropane	6.41	63	211011	9.422 ug/L	99
38) Bromodichloromethane	6.74	83	258719	9.161 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	297905	9.857 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	1327043	102.540 ug/L	99

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QLast Update : Thu Aug 15 14:18:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.62	91	874280	10.039	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	252250	9.984	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	149760	9.359	ug/L	98
47) Tetrachloroethene	8.21	164	167185	9.227	ug/L	98
48) 2-Hexanone	8.35	43	967990	103.423	ug/L	100
49) Dibromochloromethane	8.46	129	185302	9.549	ug/L	97
50) 1,2-Dibromoethane	8.57	107	147519	9.535	ug/L	94
51) Chlorobenzene	9.10	112	533975	9.524	ug/L	97
52) Ethylbenzene	9.23	91	926931	10.284	ug/L	99
53) m,p-Xylene	9.36	106	360831	10.616	ug/L	96
54) o-Xylene	9.76	106	346981	10.753	ug/L	98
55) Styrene	9.77	104	614787	10.979	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.44	83	192846	9.175	ug/L	96
59) Isopropylbenzene	10.15	105	906875	10.138	ug/L	99
60) Bromoform	9.94	173	108723	9.071	ug/L	95
61) 1,2,3-Trichloropropane	10.48	75	136463	2.687	ug/L	99
62) 1,3,5-Trimethylbenzene	10.76	105	773124	10.651	ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	779492	10.762	ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	451907	9.447	ug/L	99
65) 1,4-Dichlorobenzene	11.49	146	456891	9.278	ug/L	99
67) 1,2-Dichlorobenzene	11.86	146	435314	9.425	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.64	75	33190	9.758	ug/L	93
69) 1,3,5-Trichlorobenzene	12.87	180	362397	9.632	ug/L	100
70) 1,2,4-trichlorobenzene	13.49	180	300869	10.275	ug/L	99
71) Naphthalene	13.73	128	521186	11.558	ug/L	99
72) 1,2,3-Trichlorobenzene	13.97	180	288950	10.471	ug/L	98

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

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