

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091519\
 Data File : VU034553.D
 Acq On : 15 Sep 2019 09:37
 Operator : JC/SP
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Sep 16 02:09:10 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	194110	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	185195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	88888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	263773	16.27	ug/L	0.00
7) Chloroethane-d5	1.67	69	178345	13.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	432124	14.12	ug/L	0.00
20) 2-Butanone-d5	4.17	46	892524	218.87	ug/L	0.00
24) Chloroform-d	4.62	84	518148	18.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	267809	17.65	ug/L	0.00
32) Benzene-d6	5.32	84	1056563	20.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	359494	21.61	ug/L	0.00
41) Toluene-d8	7.54	98	986062	21.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	154104	24.10	ug/L	0.00
46) 2-Hexanone-d5	8.29	63	713710	268.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	282362	20.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	324614	19.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	166378	8.331 ug/L	100
3) Chloromethane	1.32	50	252956	12.275 ug/L	99
5) Vinyl chloride	1.40	62	224962	10.593 ug/L	99
6) Bromomethane	1.62	94	114486	11.473 ug/L	96
8) Chloroethane	1.68	64	117402	8.797 ug/L	100
9) Trichlorofluoromethane	1.87	101	252844	10.556 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	128301	9.529 ug/L	97
12) 1,1-Dichloroethene	2.27	96	148209	11.023 ug/L	96
13) Acetone	2.32	43	505903	165.257 ug/L	98
14) Carbon disulfide	2.46	76	395132	8.535 ug/L	96
15) Methyl Acetate	2.60	43	120380	14.662 ug/L	96
16) Methylene chloride	2.68	84	205994	12.607 ug/L	99
17) Methyl tert-butyl Ether	2.98	73	619343	16.685 ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	174824	11.901 ug/L	96
19) 1,1-Dichloroethane	3.42	63	463350	15.538 ug/L	99
21) 2-Butanone	4.26	43	907604	202.404 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	269827	16.947 ug/L	# 99
23) Bromochloromethane	4.52	128	109954	15.454 ug/L	92
25) Chloroform	4.65	83	471859	15.127 ug/L	99
27) 1,2-Dichloroethane	5.38	62	294266	16.047 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	348629	16.101 ug/L	98
30) Cyclohexane	4.96	56	255840	12.273 ug/L	99
31) Carbon tetrachloride	5.11	117	277631	14.739 ug/L	99
33) Benzene	5.36	78	987543	17.583 ug/L	100
34) Trichloroethene	6.16	95	244252	16.777 ug/L	98
35) Methylcyclohexane	6.39	83	243859	11.839 ug/L	99
37) 1,2-Dichloropropane	6.41	63	292761	18.703 ug/L	100
38) Bromodichloromethane	6.73	83	363092	18.890 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	454840	21.539 ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	2255290	230.270 ug/L	100

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42) Toluene	7.61	91	1045453	18.448	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	362941	21.188	ug/L	96
45) 1,1,2-Trichloroethane	8.04	97	201791	19.034	ug/L	97
47) Tetrachloroethene	8.20	164	148675	13.585	ug/L	98
48) 2-Hexanone	8.34	43	1590416	234.133	ug/L	98
49) Dibromochloromethane	8.46	129	246928	19.564	ug/L	100
50) 1,2-Dibromoethane	8.57	107	187351	18.626	ug/L	97
51) Chlorobenzene	9.10	112	683114	18.229	ug/L	98
52) Ethylbenzene	9.23	91	1192658	19.739	ug/L	100
53) m,p-Xylene	9.35	106	434824	19.362	ug/L	98
54) o-Xylene	9.76	106	441516	20.615	ug/L	96
55) Styrene	9.77	104	779689	21.190	ug/L	96
56) Isopropylbenzene	10.14	105	1133975	19.984	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	286380	20.233	ug/L	97
59) 1,2,3-Trichloropropane	10.47	75	194158	19.360	ug/L	97
61) Bromoform	9.94	173	135241	20.155	ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	530366	19.234	ug/L	99
63) 1,4-Dichlorobenzene	11.48	146	533912	18.710	ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	506625	19.028	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.63	75	50853	23.435	ug/L	98
67) 1,3,5-Trichlorobenzene	12.86	180	379100	17.915	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	342866	21.375	ug/L	100
69) Naphthalene	13.72	128	778523	29.044	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	313955	20.384	ug/L	98

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

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