

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090119\
 Data File : VU034117.D
 Acq On : 31 Aug 2019 12:16
 Operator : JC/SP
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Quant Time: Aug 31 14:51:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 14:48:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	355471	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	343948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	189042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120823	4.04	ug/L	0.00
7) Chloroethane-d5	1.68	69	97730	3.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	229656	3.97	ug/L	0.00
20) 2-Butanone-d5	4.18	46	289799	40.70	ug/L	0.00
24) Chloroform-d	4.62	84	218094	4.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	103254	3.79	ug/L	0.00
32) Benzene-d6	5.32	84	459618	4.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	141362	4.68	ug/L	0.00
41) Toluene-d8	7.55	98	423601	5.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	51725	4.58	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	229002	49.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	106207	4.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	160518	4.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	170306	4.201	ug/L 100
3) Chloromethane	1.32	50	168300	4.221	ug/L 100
5) Vinyl chloride	1.40	62	177689	4.229	ug/L 100
6) Bromomethane	1.62	94	77281	4.027	ug/L 100
8) Chloroethane	1.69	64	98027	3.779	ug/L 100
9) Trichlorofluoromethane	1.88	101	196318	4.135	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	114029	4.207	ug/L 100
12) 1,1-Dichloroethene	2.27	96	111803	4.228	ug/L 100
13) Acetone	2.32	43	189560	34.609	ug/L 100
14) Carbon disulfide	2.47	76	375220	4.040	ug/L 100
15) Methyl Acetate	2.61	43	52208	3.467	ug/L 100
16) Methylene chloride	2.68	84	119782	3.866	ug/L 100
17) Methyl tert-butyl Ether	2.99	73	278757	4.080	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	118220	4.143	ug/L 100
19) 1,1-Dichloroethane	3.42	63	239116	4.282	ug/L 100
21) 2-Butanone	4.26	43	321690	40.428	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	135674	4.537	ug/L 100
23) Bromochloromethane	4.53	128	58438	4.356	ug/L 100
25) Chloroform	4.65	83	228639	3.959	ug/L 100
27) 1,2-Dichloroethane	5.39	62	134437	3.974	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	187485	4.510	ug/L 100
30) Cyclohexane	4.97	56	223292	5.149	ug/L 100
31) Carbon tetrachloride	5.11	117	166903	4.523	ug/L 100
33) Benzene	5.37	78	521719	4.853	ug/L 100
34) Trichloroethene	6.16	95	133803	4.772	ug/L 100
35) Methylcyclohexane	6.39	83	222946	5.172	ug/L 100
37) 1,2-Dichloropropane	6.41	63	134390	4.591	ug/L 100
38) Bromodichloromethane	6.74	83	155638	4.377	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	188275	4.877	ug/L 100
40) 4-Methyl-2-pentanone	7.45	43	760023	43.987	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	557616	5.127	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	140177	4.518	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	86488	4.419	ug/L	100
47) Tetrachloroethene	8.21	164	110586	5.003	ug/L	100
48) 2-Hexanone	8.35	43	545645	45.225	ug/L	100
49) Dibromochloromethane	8.46	129	102801	4.452	ug/L	100
50) 1,2-Dibromoethane	8.57	107	80641	4.341	ug/L	100
51) Chlorobenzene	9.10	112	352446	4.931	ug/L	100
52) Ethylbenzene	9.23	91	596285	5.187	ug/L	100
53) m,p-Xylene	9.36	106	230880	5.357	ug/L	100
54) o-Xylene	9.76	106	224570	5.499	ug/L	100
55) Styrene	9.77	104	382495	5.488	ug/L	100
56) Isopropylbenzene	10.15	105	596504	5.494	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	110349	4.304	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	77049	4.214	ug/L	100
61) Bromoform	9.94	173	58234	4.178	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	291028	4.909	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	294101	4.793	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	271901	4.792	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	15903	3.757	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	230234	4.947	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	181481	5.200	ug/L	100
69) Naphthalene	13.73	128	271422	5.030	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	165497	4.971	ug/L	100

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

