

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\
 Data File : VU034952.D
 Acq On : 07 Oct 2019 11:07
 Operator : JC/SP
 Sample : VSTD01002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01002

Quant Time: Oct 09 01:55:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 01:50:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	199608	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	194441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	105733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	122317	6.74	ug/L	0.00
7) Chloroethane-d5	1.67	69	118608	7.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	253960	7.16	ug/L	0.00
20) 2-Butanone-d5	4.18	46	374528	102.88	ug/L	0.00
24) Chloroform-d	4.62	84	229921	8.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	132805	8.72	ug/L	0.00
32) Benzene-d6	5.31	84	492688	9.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	162632	9.83	ug/L	0.00
41) Toluene-d8	7.54	98	484276	9.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	63874	9.82	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	302761	110.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	133690	9.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	179896	9.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	187278	10.991 ug/L	99
3) Chloromethane	1.32	50	201603	10.300 ug/L	99
5) Vinyl chloride	1.40	62	200601	9.672 ug/L	99
6) Bromomethane	1.62	94	110476	8.611 ug/L	99
8) Chloroethane	1.69	64	127455	9.605 ug/L	100
9) Trichlorofluoromethane	1.87	101	243616	8.454 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	136324	8.502 ug/L	99
12) 1,1-Dichloroethene	2.27	96	128233	8.265 ug/L	96
13) Acetone	2.33	43	276588	87.402 ug/L	99
14) Carbon disulfide	2.46	76	437760	8.711 ug/L	99
15) Methyl Acetate	2.61	43	72546	9.209 ug/L	99
16) Methylene chloride	2.68	84	145206	7.694 ug/L	99
17) Methyl tert-butyl Ether	2.99	73	353555	8.711 ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	137456	8.046 ug/L	99
19) 1,1-Dichloroethane	3.42	63	276481	10.284 ug/L	98
21) 2-Butanone	4.26	43	435903	114.904 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	156823	10.442 ug/L	99
23) Bromochloromethane	4.52	128	66288	10.023 ug/L	94
25) Chloroform	4.65	83	297706	9.923 ug/L	100
27) 1,2-Dichloroethane	5.38	62	183575	10.489 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	229061	10.371 ug/L	98
30) Cyclohexane	4.96	56	256516	12.331 ug/L	99
31) Carbon tetrachloride	5.11	117	201909	10.412 ug/L	99
33) Benzene	5.36	78	615324	11.161 ug/L	100
34) Trichloroethene	6.16	95	158590	10.877 ug/L	96
35) Methylcyclohexane	6.39	83	261905	11.751 ug/L	99
37) 1,2-Dichloropropane	6.41	63	164445	11.031 ug/L	100
38) Bromodichloromethane	6.74	83	194712	10.395 ug/L	96
39) cis-1,3-Dichloropropene	7.25	75	234790	11.118 ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	1068289	123.577 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	664941	11.262	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	184281	10.917	ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	109403	10.380	ug/L	95
47) Tetrachloroethene	8.21	164	125064	10.682	ug/L	95
48) 2-Hexanone	8.35	43	759092	121.327	ug/L	98
49) Dibromochloromethane	8.46	129	128946	10.246	ug/L	93
50) 1,2-Dibromoethane	8.57	107	107804	10.730	ug/L #	97
51) Chlorobenzene	9.10	112	413627	10.727	ug/L	99
52) Ethylbenzene	9.23	91	729793	11.504	ug/L	99
53) m,p-Xylene	9.35	106	273997	11.525	ug/L	100
54) o-Xylene	9.76	106	265761	11.681	ug/L	100
55) Styrene	9.77	104	451127	11.512	ug/L	97
56) Isopropylbenzene	10.14	105	711641	11.727	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	148088	10.926	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	105036	10.873	ug/L	99
61) Bromoform	9.94	173	72916	10.278	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	328630	10.418	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	333099	10.116	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	315215	10.108	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.63	75	21633	9.353	ug/L	90
67) 1,3,5-Trichlorobenzene	12.86	180	235114	9.688	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	200095	10.407	ug/L	99
69) Naphthalene	13.72	128	320914	10.018	ug/L	98
70) 1,2,3-Trichlorobenzene	13.97	180	186178	10.281	ug/L	98

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

