

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034953.D
 Acq On : 07 Oct 2019 11:31
 Operator : JC/SP
 Sample : VSTD02003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02003

Quant Time: Oct 09 01:56:34 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	197805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	199746	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	107340	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	246009	13.69	ug/L	0.00
7) Chloroethane-d5	1.67	69	244058	15.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	514315	14.64	ug/L	0.00
20) 2-Butanone-d5	4.17	46	828015	229.53	ug/L	0.00
24) Chloroform-d	4.62	84	484115	17.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	274796	18.21	ug/L	0.00
32) Benzene-d6	5.32	84	1001810	18.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	330226	19.42	ug/L	0.00
41) Toluene-d8	7.54	98	982776	19.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	133537	19.99	ug/L	0.00
46) 2-Hexanone-d5	8.29	63	712569	252.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	288848	20.34	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	373188	18.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	374096	22.155 ug/L	99
3) Chloromethane	1.32	50	397246	20.481 ug/L	100
5) Vinyl chloride	1.40	62	402697	19.594 ug/L	99
6) Bromomethane	1.62	94	265634	20.894 ug/L	98
8) Chloroethane	1.68	64	234932	17.866 ug/L	98
9) Trichlorofluoromethane	1.87	101	479656	16.797 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	270298	17.011 ug/L	99
12) 1,1-Dichloroethene	2.27	96	263472	17.136 ug/L	93
13) Acetone	2.32	43	599134	191.052 ug/L	98
14) Carbon disulfide	2.46	76	880161	17.675 ug/L	98
15) Methyl Acetate	2.60	43	155530	19.923 ug/L	100
16) Methylene chloride	2.68	84	287751	15.385 ug/L	99
17) Methyl tert-butyl Ether	2.98	73	743091	18.476 ug/L	100
18) trans-1,2-Dichloroethene	2.96	96	277528	16.393 ug/L	99
19) 1,1-Dichloroethane	3.42	63	549124	20.612 ug/L	97
21) 2-Butanone	4.25	43	954516	253.904 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	321342	21.591 ug/L	98
23) Bromochloromethane	4.52	128	136694	20.858 ug/L	90
25) Chloroform	4.65	83	573082	19.275 ug/L	100
27) 1,2-Dichloroethane	5.38	62	374698	21.605 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	459464	20.250 ug/L	99
30) Cyclohexane	4.96	56	527465	24.682 ug/L	99
31) Carbon tetrachloride	5.11	117	409901	20.576 ug/L	100
33) Benzene	5.36	78	1225058	21.630 ug/L	100
34) Trichloroethene	6.16	95	317358	21.187 ug/L	95
35) Methylcyclohexane	6.39	83	543147	23.722 ug/L	99
37) 1,2-Dichloropropane	6.41	63	333356	21.767 ug/L	99
38) Bromodichloromethane	6.73	83	395863	20.572 ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	492099	22.684 ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	2367451	266.588 ug/L	100

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42) Toluene	7.61	91	1334202	21.996	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	400171	23.077	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	230146	21.256	ug/L	99
47) Tetrachloroethene	8.20	164	252854	21.024	ug/L	100
48) 2-Hexanone	8.34	43	1681102	261.557	ug/L	99
49) Dibromochloromethane	8.45	129	279152	21.593	ug/L	96
50) 1,2-Dibromoethane	8.57	107	225467	21.845	ug/L #	98
51) Chlorobenzene	9.10	112	837400	21.139	ug/L	99
52) Ethylbenzene	9.23	91	1499642	23.011	ug/L	99
53) m,p-Xylene	9.35	106	561084	22.974	ug/L	99
54) o-Xylene	9.76	106	549248	23.500	ug/L	99
55) Styrene	9.77	104	938489	23.312	ug/L	99
56) Isopropylbenzene	10.14	105	1472969	23.627	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	319252	22.929	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	225816	22.755	ug/L	99
61) Bromoform	9.94	173	163573	22.711	ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	673921	21.044	ug/L	98
63) 1,4-Dichlorobenzene	11.48	146	677020	20.252	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	647763	20.460	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.63	75	49327	21.007	ug/L	88
67) 1,3,5-Trichlorobenzene	12.86	180	487173	19.774	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	453595	23.238	ug/L	99
69) Naphthalene	13.72	128	829592	25.510	ug/L	98
70) 1,2,3-Trichlorobenzene	13.96	180	422308	22.972	ug/L	98

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

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