

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013176.D
 Acq On : 17 Oct 2019 17:08
 Operator : SY/MD
 Sample : VSTD00531
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00531

Quant Time: Oct 18 01:54:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 01:50:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	525936	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	553660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322334	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	299250	5.59	ug/L	0.00
7) Chloroethane-d5	1.58	69	221714	5.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	439930	5.57	ug/L	0.00
20) 2-Butanone-d5	3.96	46	568126	52.49	ug/L	0.00
24) Chloroform-d	4.40	84	518828	5.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	243018	5.71	ug/L	0.00
32) Benzene-d6	5.10	84	1048250	5.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	315060	5.51	ug/L	0.00
41) Toluene-d8	7.36	98	985040	5.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	114413	5.55	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	485544	56.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	232905	5.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	337580	4.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	372901	8.863	ug/L 100
3) Chloromethane	1.25	50	386347	8.577	ug/L 100
5) Vinyl chloride	1.32	62	374251	7.578	ug/L 100
6) Bromomethane	1.54	94	213886	8.528	ug/L 100
8) Chloroethane	1.60	64	197740	7.618	ug/L 100
9) Trichlorofluoromethane	1.77	101	472066	7.792	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	254251	7.225	ug/L 100
12) 1,1-Dichloroethene	2.14	96	242456	7.467	ug/L 100
13) Acetone	2.23	43	364293	59.440	ug/L 100
14) Carbon disulfide	2.32	76	853921	10.551	ug/L 100
15) Methyl Acetate	2.47	43	92600	6.025	ug/L 100
16) Methylene chloride	2.54	84	312890	7.638	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	569944	6.553	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	298883	7.960	ug/L 100
19) 1,1-Dichloroethane	3.23	63	545756	7.365	ug/L 100
21) 2-Butanone	4.05	43	600859	61.227	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	307078	7.543	ug/L 100
23) Bromochloromethane	4.30	128	131647	7.346	ug/L 100
25) Chloroform	4.42	83	554701	6.790	ug/L 100
27) 1,2-Dichloroethane	5.18	62	316934	7.231	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	460358	7.070	ug/L 100
30) Cyclohexane	4.72	56	507525	8.585	ug/L 100
31) Carbon tetrachloride	4.87	117	412234	7.351	ug/L 100
33) Benzene	5.14	78	1249313	7.545	ug/L 100
34) Trichloroethene	5.96	95	312585	7.348	ug/L 100
35) Methylcyclohexane	6.17	83	514834	8.487	ug/L 100
37) 1,2-Dichloropropane	6.22	63	302401	6.931	ug/L 100
38) Bromodichloromethane	6.55	83	380263	6.727	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	414326	7.068	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	1703347	63.576	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1342525	7.757	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	315184	6.834	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	202623	6.350	ug/L	100
47) Tetrachloroethene	8.02	164	280818	7.959	ug/L	100
48) 2-Hexanone	8.18	43	1269767	65.474	ug/L	100
49) Dibromochloromethane	8.29	129	251267	6.773	ug/L	100
50) 1,2-Dibromoethane	8.39	107	188337	6.914	ug/L	100
51) Chlorobenzene	8.92	112	820254	7.087	ug/L	100
52) Ethylbenzene	9.05	91	1418549	7.643	ug/L	100
53) m,p-xylene	9.18	106	551968	7.957	ug/L	100
54) o-xylene	9.59	106	527592	7.802	ug/L	100
55) Styrene	9.60	104	896491	7.808	ug/L	100
56) Isopropylbenzene	9.97	105	1404621	7.776	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	248056	6.282	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	174444	6.325	ug/L	100
61) Bromoform	9.77	173	140248	5.955	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	666434	6.380	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	645341	6.093	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	604823	5.978	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	36050	5.298	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	459833	5.777	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	388577	5.997	ug/L	100
69) Naphthalene	13.55	128	562422	5.790	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	379170	5.982	ug/L	100

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

