

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013177.D
 Acq On : 17 Oct 2019 17:33
 Operator : SY/MD
 Sample : VSTD01032
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01032

Quant Time: Oct 18 01:54:42 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	494036	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	523288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	308759	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	533721	10.62	ug/L	0.00
7) Chloroethane-d5	1.58	69	400338	10.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	772035	10.41	ug/L	0.00
20) 2-Butanone-d5	3.96	46	1128370	110.99	ug/L	0.00
24) Chloroform-d	4.40	84	934822	11.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	439547	10.99	ug/L	0.00
32) Benzene-d6	5.10	84	1864618	10.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	567295	10.50	ug/L	0.00
41) Toluene-d8	7.36	98	1753379	11.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	207164	10.63	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	940644	116.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	423106	10.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	619243	9.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	626396	15.849 ug/L	99
3) Chloromethane	1.25	50	654196	15.461 ug/L	99
5) Vinyl chloride	1.32	62	631059	13.604 ug/L	100
6) Bromomethane	1.54	94	366023	15.537 ug/L	99
8) Chloroethane	1.60	64	338177	13.869 ug/L	98
9) Trichlorofluoromethane	1.77	101	776905	13.651 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	435105	13.163 ug/L	98
12) 1,1-Dichloroethene	2.14	96	410480	13.458 ug/L	94
13) Acetone	2.23	43	669274	116.253 ug/L	87
14) Carbon disulfide	2.32	76	1459806	19.202 ug/L	99
15) Methyl Acetate	2.47	43	172335	11.936 ug/L	95
16) Methylene chloride	2.54	84	509845	13.249 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	1019300	12.476 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	513476	14.558 ug/L	98
19) 1,1-Dichloroethane	3.23	63	935326	13.437 ug/L	99
21) 2-Butanone	4.04	43	1204485	130.662 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	543106	14.203 ug/L	# 96
23) Bromochloromethane	4.30	128	227453	13.512 ug/L	99
25) Chloroform	4.42	83	937117	12.212 ug/L	97
27) 1,2-Dichloroethane	5.18	62	546856	13.282 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	782530	12.715 ug/L	100
30) Cyclohexane	4.72	56	895952	16.034 ug/L	99
31) Carbon tetrachloride	4.87	117	708100	13.360 ug/L	99
33) Benzene	5.14	78	2104038	13.444 ug/L	100
34) Trichloroethene	5.96	95	534197	13.286 ug/L	98
35) Methylcyclohexane	6.18	83	921555	16.074 ug/L	99
37) 1,2-Dichloropropane	6.22	63	524876	12.729 ug/L	99
38) Bromodichloromethane	6.55	83	639687	11.973 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	752970	13.591 ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	3024546	119.440 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	2296050	14.036	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	559773	12.841	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	349745	11.597	ug/L	99
47) Tetrachloroethene	8.02	164	466039	13.975	ug/L	99
48) 2-Hexanone	8.18	43	2198278	119.930	ug/L	98
49) Dibromochloromethane	8.29	129	428578	12.223	ug/L	99
50) 1,2-Dibromoethane	8.39	107	326288	12.674	ug/L	100
51) Chlorobenzene	8.92	112	1411327	12.901	ug/L	99
52) Ethylbenzene	9.05	91	2485148	14.166	ug/L	99
53) m,p-xylene	9.18	106	967384	14.755	ug/L	97
54) o-xylene	9.59	106	927466	14.512	ug/L	97
55) Styrene	9.60	104	1574004	14.505	ug/L	99
56) Isopropylbenzene	9.97	105	2472181	14.480	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	420808	11.275	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	302018	11.586	ug/L	100
61) Bromoform	9.77	173	243528	10.795	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1145420	11.448	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1132769	11.164	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	1044371	10.776	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	60909	9.345	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	811183	10.639	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	696892	11.227	ug/L	99
69) Naphthalene	13.55	128	1117262	12.009	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	678090	11.168	ug/L	99

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

