

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080819\
 Data File : VV012134.D
 Acq On : 08 Aug 2019 19:28
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01031

Quant Time: Aug 09 06:10:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 09 06:06:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	111644	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	102297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58288	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50388	9.63	ug/L	0.00
7) Chloroethane-d5	1.58	69	36369	9.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	100497	9.43	ug/L	0.00
20) 2-Butanone-d5	3.94	46	141107	99.53	ug/L	0.00
24) Chloroform-d	4.40	84	148354	10.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	78629	10.03	ug/L	0.00
32) Benzene-d6	5.10	84	272428	10.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	70469	10.01	ug/L	0.00
41) Toluene-d8	7.36	98	272652	10.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	37655	11.64	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	127173	115.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	60395	11.15	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	116343	10.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	110178	9.196 ug/L	98
3) Chloromethane	1.25	50	48348	8.558 ug/L	95
5) Vinyl chloride	1.32	62	56631	9.052 ug/L	100
6) Bromomethane	1.53	94	33877	8.910 ug/L	98
8) Chloroethane	1.60	64	29150	8.528 ug/L	98
9) Trichlorofluoromethane	1.77	101	109986	9.118 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	50366	9.709 ug/L	99
12) 1,1-Dichloroethene	2.14	96	47433	9.942 ug/L	98
13) Acetone	2.20	43	65947	91.876 ug/L	97
14) Carbon disulfide	2.32	76	129993	9.891 ug/L	100
15) Methyl Acetate	2.46	43	15115	9.239 ug/L	95
16) Methylene chloride	2.53	84	44700	9.067 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	169441	10.610 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	68965	9.665 ug/L	96
19) 1,1-Dichloroethane	3.23	63	113472	9.146 ug/L	97
21) 2-Butanone	4.03	43	138123	97.404 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	77393	10.049 ug/L	98
23) Bromochloromethane	4.30	128	36206	10.413 ug/L	95
25) Chloroform	4.42	83	137466	8.519 ug/L	99
27) 1,2-Dichloroethane	5.18	62	92005	10.180 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	138402	10.494 ug/L	98
30) Cyclohexane	4.72	56	95013	9.622 ug/L	100
31) Carbon tetrachloride	4.87	117	131616	11.015 ug/L	99
33) Benzene	5.14	78	267871	10.082 ug/L	100
34) Trichloroethene	5.96	95	78869	10.223 ug/L	96
35) Methylcyclohexane	6.17	83	120465	10.300 ug/L	99
37) 1,2-Dichloropropane	6.22	63	57244	9.356 ug/L	98
38) Bromodichloromethane	6.55	83	98385	10.682 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	106589	11.040 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	342137	102.204 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	312182	10.658	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	89323	11.304	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	50117	10.776	ug/L	99
47) Tetrachloroethene	8.02	164	76116	10.637	ug/L	99
48) 2-Hexanone	8.18	43	242331	103.448	ug/L	99
49) Dibromochloromethane	8.29	129	75927	12.177	ug/L	99
50) 1,2-Dibromoethane	8.40	107	50192	11.045	ug/L #	96
51) Chlorobenzene	8.92	112	209919	10.513	ug/L	99
52) Ethylbenzene	9.05	91	358135	10.628	ug/L	96
53) m,p-xylene	9.18	106	138474	10.671	ug/L	99
54) o-xylene	9.59	106	133224	10.681	ug/L	98
55) Styrene	9.60	104	229127	10.864	ug/L	100
56) Isopropylbenzene	9.97	105	372725	10.793	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	55816	10.805	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	42182	10.848	ug/L	98
61) Bromoform	9.77	173	46990	12.778	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	187414	10.508	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	183209	10.089	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	173878	10.720	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	11751	13.108	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	159858	10.838	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	138292	11.457	ug/L	99
69) Naphthalene	13.55	128	225498	13.363	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	129236	11.965	ug/L	98

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

