

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007339.D
 Acq On : 04 Sep 2018 19:59
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Sep 05 00:59:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 00:58:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	546461	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	523751	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	248873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195493	49.34	ug/L	0.00
7) Chloroethane-d5	1.57	69	131799	53.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	337545	48.82	ug/L	0.00
21) 2-Butanone-d5	3.96	46	315510	100.99	ug/L	0.00
24) Chloroform-d	4.41	84	397582	50.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	240853	49.72	ug/L	0.00
32) Benzene-d6	5.10	84	799359	48.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	261169	48.37	ug/L	0.00
41) Toluene-d8	7.36	98	721503	50.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	113384	47.40	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	221403	104.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	364153	50.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	269951	48.05	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	205916	55.79	ug/L	100
3) Chloromethane	1.25	50	216572	48.86	ug/L	100
5) Vinyl chloride	1.32	62	223418	51.75	ug/L	100
6) Bromomethane	1.52	94	101634	46.69	ug/L	100
8) Chloroethane	1.58	64	124859	59.42	ug/L	100
9) Trichlorofluoromethane	1.76	101	283399	50.64	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	174628	50.18	ug/L	100
12) 1,1-Dichloroethene	2.14	96	164558	50.49	ug/L	100
13) Acetone	2.20	43	175766	83.86	ug/L	100
14) Carbon disulfide	2.32	76	465772	48.40	ug/L	100
15) Methyl Acetate	2.47	43	197291	52.25	ug/L	100
16) Methylene chloride	2.54	84	193318	49.27	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	178468	50.11	ug/L	100
18) Methyl tert-butyl Ether	2.82	73	569425	51.16	ug/L	100
19) 1,1-Dichloroethane	3.23	63	374696	51.57	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	208832	50.25	ug/L	100
22) 2-Butanone	4.04	43	309600	97.46	ug/L	100
23) Bromochloromethane	4.30	128	110132	51.34	ug/L	100
25) Chloroform	4.43	83	369507	50.87	ug/L	100
27) 1,2-Dichloroethane	5.19	62	278756	52.34	ug/L	100
29) Cyclohexane	4.73	56	284018	48.60	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	306884	49.68	ug/L	100
31) Carbon tetrachloride	4.88	117	266620	50.23	ug/L	100
33) Benzene	5.15	78	836085	50.92	ug/L	100
34) Trichloroethene	5.96	95	196805	49.09	ug/L	100
35) Methylcyclohexane	6.18	83	308063	49.76	ug/L	100
37) 1,2-Dichloropropane	6.23	63	223365	51.34	ug/L	100
38) Bromodichloromethane	6.56	83	269133	49.92	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	308758	49.44	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	550774	105.47	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	845116	52.52	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	284051	49.46	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	210032	50.68	ug/L	100
46) Tetrachloroethene	8.02	164	160802	49.77	ug/L	100
48) 2-Hexanone	8.19	43	440737	106.55	ug/L	100
49) Dibromochloromethane	8.30	129	216041	50.05	ug/L	100
50) 1,2-Dibromoethane	8.40	107	207747	50.79	ug/L	100
51) Chlorobenzene	8.93	112	538274	50.34	ug/L	100
52) Ethylbenzene	9.06	91	850211	51.39	ug/L	100
53) m,p-Xylene	9.19	106	332262	53.31	ug/L	100
54) o-xylene	9.59	106	318465	52.49	ug/L	100
55) Styrene	9.61	104	582025	55.15	ug/L	100
56) Isopropylbenzene	9.98	105	811570	52.30	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	338868	51.21	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	271498	51.08	ug/L	100
61) Bromoform	9.78	173	158697	49.03	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	369819	48.79	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	402774	49.55	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	424197	51.31	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	68983	50.33	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	291143	50.29	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	232999	50.91	ug/L	100
69) Naphthalene	13.56	128	694337	53.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	270548	54.37	ug/L	100

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

