

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102318\
 Data File : VV008384.D
 Acq On : 23 Oct 2018 19:10
 Operator : SY/MD
 Sample : VSTD10054
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10054

Quant Time: Oct 24 02:28:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 02:24:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	182895	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	170447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82412	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95959	93.73	ug/L	0.00
7) Chloroethane-d5	1.56	69	69844	110.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	177681	92.95	ug/L	0.00
21) 2-Butanone-d5	3.93	46	219185	205.38	ug/L	0.00
24) Chloroform-d	4.41	84	243977	100.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	161904	99.33	ug/L	0.00
32) Benzene-d6	5.10	84	466637	95.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	160762	95.81	ug/L	0.00
41) Toluene-d8	7.36	98	427117	95.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	81933	99.67	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	176069	238.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	225756	116.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	159990	94.52	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	126860	94.484	ug/L	100
3) Chloromethane	1.25	50	133919	100.122	ug/L	98
5) Vinyl chloride	1.33	62	126703	95.108	ug/L	98
6) Bromomethane	1.51	94	34001	89.910	ug/L	99
8) Chloroethane	1.58	64	73776	110.054	ug/L	95
9) Trichlorofluoromethane	1.76	101	162036	93.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	86134	94.033	ug/L	99
12) 1,1-Dichloroethene	2.14	96	80117	93.346	ug/L	95
13) Acetone	2.19	43	163149	212.396	ug/L	100
14) Carbon disulfide	2.32	76	363688	119.707	ug/L	100
15) Methyl Acetate	2.46	43	165041	121.380	ug/L	99
16) Methylene chloride	2.54	84	134724	124.780	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	121957	122.036	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	436144	121.413	ug/L	100
19) 1,1-Dichloroethane	3.23	63	249885	95.328	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	140582	93.619	ug/L	95
22) 2-Butanone	4.02	43	240147	180.839	ug/L	99
23) Bromochloromethane	4.30	128	65351	95.514	ug/L	99
25) Chloroform	4.43	83	246840	95.651	ug/L	99
27) 1,2-Dichloroethane	5.18	62	201162	93.633	ug/L	100
29) Cyclohexane	4.73	56	238019	90.853	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	213159	92.204	ug/L	99
31) Carbon tetrachloride	4.88	117	182659	94.041	ug/L	99
33) Benzene	5.15	78	537556	91.869	ug/L	100
34) Trichloroethene	5.96	95	136416	80.802	ug/L	99
35) Methylcyclohexane	6.18	83	237951	92.832	ug/L	100
37) 1,2-Dichloropropane	6.23	63	149288	93.283	ug/L	100
38) Bromodichloromethane	6.56	83	191648	94.536	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	240540	95.512	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	443734	189.143	ug/L	100

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42) Toluene	7.43	91	559895	92.571	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	226628	97.240	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	130680	93.459	ug/L	99
46) Tetrachloroethene	8.02	164	91809	93.741	ug/L	99
48) 2-Hexanone	8.19	43	362076	193.704	ug/L	98
49) Dibromochloromethane	8.30	129	146483	99.320	ug/L	99
50) 1,2-Dibromoethane	8.40	107	138859	93.790	ug/L	97
51) Chlorobenzene	8.93	112	349176	93.877	ug/L	100
52) Ethylbenzene	9.06	91	639325	95.717	ug/L	99
53) m,p-Xylene	9.19	106	236479	97.931	ug/L	98
54) o-xylene	9.59	106	230890	97.045	ug/L	99
55) Styrene	9.61	104	399066	99.931	ug/L	100
56) Isopropylbenzene	9.98	105	621558	98.068	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	234896	116.808	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	190426	98.542	ug/L	100
61) Bromoform	9.78	173	101158	98.391	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	266234	93.332	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	264986	92.273	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	268227	92.255	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	55868	100.777	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	180106	97.878	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	154826	103.961	ug/L	99
69) Naphthalene	13.56	128	501347	95.455	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	150715	99.126	ug/L	100

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

