

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102318\
 Data File : VV008385.D
 Acq On : 23 Oct 2018 19:34
 Operator : SY/MD
 Sample : VSTD20055
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20055

Quant Time: Oct 24 02:28:56 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	180858	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192783	190.42	ug/L	0.00
7) Chloroethane-d5	1.56	69	134931	215.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	353339	186.92	ug/L	0.00
21) 2-Butanone-d5	3.93	46	431201	408.59	ug/L	0.00
24) Chloroform-d	4.41	84	482764	200.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	322076	199.83	ug/L	0.00
32) Benzene-d6	5.10	84	922096	188.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	317042	189.73	ug/L	0.00
41) Toluene-d8	7.36	98	845102	190.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	165081	201.63	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	348737	473.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	457158	237.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	325085	182.50	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	254066	191.356	ug/L	100
3) Chloromethane	1.25	50	262391	198.381	ug/L	99
5) Vinyl chloride	1.33	62	253421	192.371	ug/L	97
6) Bromomethane	1.51	94	69622	186.177	ug/L	98
8) Chloroethane	1.58	64	135084	203.780	ug/L	96
9) Trichlorofluoromethane	1.76	101	325036	190.609	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	170081	187.770	ug/L	98
12) 1,1-Dichloroethene	2.14	96	159807	188.292	ug/L	97
13) Acetone	2.19	43	288849	380.274	ug/L	98
14) Carbon disulfide	2.32	76	729312	242.756	ug/L	100
15) Methyl Acetate	2.46	43	323114	240.312	ug/L	100
16) Methylene chloride	2.54	84	266765	249.857	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	242525	245.416	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	866376	243.896	ug/L	100
19) 1,1-Dichloroethane	3.23	63	500035	192.906	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	283976	191.241	ug/L	96
22) 2-Butanone	4.02	43	470834	358.548	ug/L	99
23) Bromochloromethane	4.30	128	130674	193.139	ug/L	98
25) Chloroform	4.43	83	492030	192.810	ug/L	100
27) 1,2-Dichloroethane	5.18	62	406219	191.209	ug/L	100
29) Cyclohexane	4.73	56	475570	182.267	ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	429809	186.676	ug/L	99
31) Carbon tetrachloride	4.88	117	369746	191.138	ug/L	100
33) Benzene	5.15	78	1061066	182.077	ug/L	100
34) Trichloroethene	5.96	95	276165	164.245	ug/L	98
35) Methylcyclohexane	6.18	83	472848	185.225	ug/L	100
37) 1,2-Dichloropropane	6.23	63	296704	186.152	ug/L	100
38) Bromodichloromethane	6.56	83	386092	191.228	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	484822	193.295	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	886046	379.219	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1107797	183.905	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	456894	196.841	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	261035	187.446	ug/L	99
46) Tetrachloroethene	8.02	164	185130	189.797	ug/L	98
48) 2-Hexanone	8.19	43	719606	386.546	ug/L	98
49) Dibromochloromethane	8.30	129	297351	202.435	ug/L	99
50) 1,2-Dibromoethane	8.40	107	277946	188.500	ug/L	99
51) Chlorobenzene	8.93	112	698160	188.468	ug/L	100
52) Ethylbenzene	9.06	91	1274044	191.522	ug/L	100
53) m,p-Xylene	9.19	106	472123	196.314	ug/L	97
54) o-xylene	9.59	106	456289	192.563	ug/L	100
55) Styrene	9.61	104	810572	203.804	ug/L	100
56) Isopropylbenzene	9.98	105	1235555	195.738	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	474901	237.119	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	382479	198.733	ug/L	99
61) Bromoform	9.78	173	214605	198.355	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	553154	184.271	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	555125	183.692	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	547551	178.961	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	116142	199.083	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	380517	196.507	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	334376	213.357	ug/L	99
69) Naphthalene	13.56	128	1092060	197.585	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	326225	203.889	ug/L	100

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

