

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103118\
 Data File : VV008497.D
 Acq On : 31 Oct 2018 15:55
 Operator : SY/MD
 Sample : VSTD20057
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20057

Quant Time: Oct 31 22:54:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 23:42:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210517	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104351	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	275703	227.69	ug/L	0.00
7) Chloroethane-d5	1.55	69	96613	114.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	422534	198.52	ug/L	0.00
21) 2-Butanone-d5	3.94	46	525411	412.04	ug/L	0.00
24) Chloroform-d	4.41	84	595004	204.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	388391	199.89	ug/L	0.00
32) Benzene-d6	5.10	84	1164108	202.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	390749	196.52	ug/L	0.00
41) Toluene-d8	7.36	98	1072887	204.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	206951	213.76	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	425391	414.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	570125	210.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	424998	195.39	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	318264	209.497	ug/L	100
3) Chloromethane	1.25	50	316660	196.910	ug/L	99
5) Vinyl chloride	1.33	62	311006	208.446	ug/L	97
6) Bromomethane	1.51	94	76991	190.487	ug/L	97
8) Chloroethane	1.57	64	105869	133.912	ug/L	98
9) Trichlorofluoromethane	1.75	101	362692	191.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	192433	193.320	ug/L	99
12) 1,1-Dichloroethene	2.13	96	176486	188.184	ug/L	92
13) Acetone	2.20	43	402647	388.242	ug/L	99
14) Carbon disulfide	2.31	76	859909	202.496	ug/L	100
15) Methyl Acetate	2.46	43	367429	189.745	ug/L	100
16) Methylene chloride	2.53	84	307280	188.525	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	280488	196.025	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	982555	192.583	ug/L	100
19) 1,1-Dichloroethane	3.23	63	561365	190.989	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	324197	198.884	ug/L	100
22) 2-Butanone	4.02	43	580707	399.572	ug/L	99
23) Bromochloromethane	4.30	128	150199	195.960	ug/L	96
25) Chloroform	4.43	83	555398	193.286	ug/L	99
27) 1,2-Dichloroethane	5.18	62	450006	188.435	ug/L	100
29) Cyclohexane	4.73	56	547553	190.887	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	489780	192.133	ug/L	99
31) Carbon tetrachloride	4.88	117	422758	195.238	ug/L	99
33) Benzene	5.15	78	1210414	188.176	ug/L	100
34) Trichloroethene	5.96	95	314182	190.705	ug/L	99
35) Methylcyclohexane	6.18	83	545324	194.365	ug/L	99
37) 1,2-Dichloropropane	6.23	63	336751	189.236	ug/L	99
38) Bromodichloromethane	6.56	83	434768	192.159	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	546533	195.749	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	1027060	389.602	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1262712	189.524	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	513939	196.513	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	297515	189.910	ug/L	98
46) Tetrachloroethene	8.02	164	218304	201.898	ug/L	99
48) 2-Hexanone	8.19	43	853297	413.263	ug/L	98
49) Dibromochloromethane	8.30	129	340212	201.844	ug/L	98
50) 1,2-Dibromoethane	8.40	107	317756	193.340	ug/L	99
51) Chlorobenzene	8.93	112	801263	194.596	ug/L	99
52) Ethylbenzene	9.06	91	1449115	193.756	ug/L	100
53) m,p-Xylene	9.19	106	541177	197.051	ug/L	99
54) o-xylene	9.59	106	528920	192.997	ug/L	99
55) Styrene	9.61	104	934296	202.534	ug/L	99
56) Isopropylbenzene	9.98	105	1420181	198.103	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	551414	199.881	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	445716	199.208	ug/L	99
61) Bromoform	9.78	173	253807	194.693	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	659657	191.913	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	657223	191.125	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	649551	185.588	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	135263	189.562	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	460298	204.642	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	404409	223.898	ug/L	99
69) Naphthalene	13.55	128	1284990	221.758	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	391757	216.509	ug/L	99

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

