

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103118\
 Data File : VV008495.D
 Acq On : 31 Oct 2018 15:08
 Operator : SY/MD
 Sample : VSTD05055
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05055

Quant Time: Oct 31 22:53:29 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	210249	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	194318	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67853	56.11	ug/L	0.00
7) Chloroethane-d5	1.56	69	41296	48.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	108563	51.07	ug/L	0.00
21) 2-Butanone-d5	3.94	46	131021	102.88	ug/L	0.00
24) Chloroform-d	4.41	84	149660	51.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	98097	50.55	ug/L	0.00
32) Benzene-d6	5.10	84	296535	52.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	98823	50.72	ug/L	0.00
41) Toluene-d8	7.36	98	272010	53.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	49925	52.62	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	100478	99.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	138438	52.19	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	100784	52.20	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	78490	51.732	ug/L 100
3) Chloromethane	1.25	50	78680	48.988	ug/L 100
5) Vinyl chloride	1.32	62	73497	49.323	ug/L 100
6) Bromomethane	1.51	94	18275	45.273	ug/L 100
8) Chloroethane	1.58	64	39125	49.552	ug/L 100
9) Trichlorofluoromethane	1.76	101	89653	47.321	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	48400	48.685	ug/L 100
12) 1,1-Dichloroethene	2.14	96	44567	47.582	ug/L 100
13) Acetone	2.19	43	118131	114.050	ug/L 100
14) Carbon disulfide	2.32	76	207050	48.819	ug/L 100
15) Methyl Acetate	2.46	43	90054	46.564	ug/L 100
16) Methylene chloride	2.54	84	77018	47.313	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	68226	47.742	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	242139	47.520	ug/L 100
19) 1,1-Dichloroethane	3.23	63	139041	47.365	ug/L 100
20) cis-1,2-Dichloroethene	3.97	96	79031	48.545	ug/L 100
22) 2-Butanone	4.02	43	156406	107.757	ug/L 100
23) Bromochloromethane	4.31	128	36051	47.095	ug/L 100
25) Chloroform	4.43	83	136415	47.535	ug/L 100
27) 1,2-Dichloroethane	5.18	62	110737	46.429	ug/L 100
29) Cyclohexane	4.73	56	132442	47.114	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	118310	47.358	ug/L 100
31) Carbon tetrachloride	4.88	117	101039	47.614	ug/L 100
33) Benzene	5.15	78	300217	47.625	ug/L 100
34) Trichloroethene	5.96	95	76057	47.108	ug/L 100
35) Methylcyclohexane	6.18	83	133966	48.722	ug/L 100
37) 1,2-Dichloropropane	6.23	63	83152	47.680	ug/L 100
38) Bromodichloromethane	6.56	83	103919	46.867	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	131410	48.027	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	245234	94.924	ug/L 100

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42) Toluene	7.43	91	309402	47.386	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	123889	48.337	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	72923	47.498	ug/L	100
46) Tetrachloroethene	8.02	164	52644	49.681	ug/L	100
48) 2-Hexanone	8.19	43	204794	101.208	ug/L	100
49) Dibromochloromethane	8.29	129	79241	47.972	ug/L	100
50) 1,2-Dibromoethane	8.40	107	76274	47.356	ug/L	100
51) Chlorobenzene	8.93	112	193975	48.070	ug/L	100
52) Ethylbenzene	9.06	91	353569	48.239	ug/L	100
53) m,p-Xylene	9.19	106	132659	49.289	ug/L	100
54) o-xylene	9.59	106	129755	48.312	ug/L	100
55) Styrene	9.61	104	220818	48.845	ug/L	100
56) Isopropylbenzene	9.98	105	344062	48.973	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	130318	48.202	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	106649	48.638	ug/L	100
61) Bromoform	9.78	173	54799	47.357	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	148672	48.729	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	147854	48.440	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	151575	48.790	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	29701	46.894	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	99720	49.947	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	79161	49.375	ug/L	100
69) Naphthalene	13.56	128	242114	47.073	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	79648	49.591	ug/L	100

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

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