

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008670.D
 Acq On : 20 Nov 2018 12:56
 Operator : SY/MD
 Sample : VSTD20073
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20073

Quant Time: Nov 21 01:06:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	270130	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	255517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	133032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	384083	214.74	ug/L	0.00
7) Chloroethane-d5	1.55	69	158578	139.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	619932	199.44	ug/L	0.00
21) 2-Butanone-d5	3.93	46	627718	408.76	ug/L	0.00
24) Chloroform-d	4.41	84	761597	194.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	482508	190.95	ug/L	0.00
32) Benzene-d6	5.10	84	1559680	189.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	490076	184.83	ug/L	0.00
41) Toluene-d8	7.36	98	1439754	193.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	240875	192.64	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	492010	433.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	687859	201.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	564843	187.50	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	423599	199.67	ug/L	99
3) Chloromethane	1.25	50	407850	217.68	ug/L	99
5) Vinyl chloride	1.32	62	414613	222.01	ug/L	98
6) Bromomethane	1.51	94	117538	194.88	ug/L	98
8) Chloroethane	1.57	64	149226	148.33	ug/L	98
9) Trichlorofluoromethane	1.75	101	521870	205.49	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	299106	205.12	ug/L	99
12) 1,1-Dichloroethene	2.13	96	268956	208.44	ug/L	85
13) Acetone	2.19	43	588364	471.43	ug/L	99
14) Carbon disulfide	2.31	76	1090079	207.86	ug/L	100
15) Methyl Acetate	2.46	43	476347	208.19	ug/L	100
16) Methylene chloride	2.53	84	405043	194.65	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	375964	202.59	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	1272451	201.87	ug/L	99
19) 1,1-Dichloroethane	3.23	63	725151	205.07	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	433634	207.21	ug/L	95
22) 2-Butanone	4.02	43	765581	445.01	ug/L	100
23) Bromochloromethane	4.30	128	211925	212.15	ug/L	96
25) Chloroform	4.43	83	730646	185.47	ug/L	99
27) 1,2-Dichloroethane	5.18	62	582628	203.25	ug/L	100
29) Cyclohexane	4.73	56	702724	193.30	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	633884	196.16	ug/L	99
31) Carbon tetrachloride	4.88	117	538140	193.29	ug/L	99
33) Benzene	5.15	78	1603510	196.35	ug/L	100
34) Trichloroethene	5.96	95	426906	198.06	ug/L	96
35) Methylcyclohexane	6.18	83	736415	201.31	ug/L	99
37) 1,2-Dichloropropane	6.22	63	433615	195.71	ug/L	99
38) Bromodichloromethane	6.56	83	546328	197.82	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	687421	204.61	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	1253174	417.63	ug/L	99

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42) Toluene	7.43	91	1697975	199.49	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	637299	208.60	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	402880	202.77	ug/L	99
46) Tetrachloroethene	8.02	164	317459	205.73	ug/L	97
48) 2-Hexanone	8.19	43	1035630	445.85	ug/L	100
49) Dibromochloromethane	8.30	129	435194	209.47	ug/L	98
50) 1,2-Dibromoethane	8.40	107	425183	205.98	ug/L	99
51) Chlorobenzene	8.93	112	1095509	205.10	ug/L	99
52) Ethylbenzene	9.06	91	1925433	205.45	ug/L	99
53) m,p-Xylene	9.18	106	716939	208.73	ug/L	100
54) o-xylene	9.59	106	701475	206.01	ug/L	95
55) Styrene	9.61	104	1222477	218.00	ug/L	99
56) Isopropylbenzene	9.98	105	1892522	211.14	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	686189	211.19	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	554097	206.87	ug/L	98
61) Bromoform	9.78	173	306085	194.56	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	889718	201.68	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	901615	203.59	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	894985	198.41	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	150972	192.12	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	656192	216.39	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	571866	240.86	ug/L	98
69) Naphthalene	13.55	128	1736438	252.60	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	559663	233.59	ug/L	99

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

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