

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111518\
 Data File : VV008571.D
 Acq On : 15 Nov 2018 14:07
 Operator : SY/MD
 Sample : VSTD20072
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20072

Quant Time: Nov 16 04:00:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 03:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	312072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	279456	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127296	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	328894	262.47	ug/L	0.00
7) Chloroethane-d5	1.57	69	241570	246.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	663423	254.19	ug/L	0.00
21) 2-Butanone-d5	3.92	46	695176	410.20	ug/L	-0.01
24) Chloroform-d	4.40	84	884501	249.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	568081	248.46	ug/L	0.00
32) Benzene-d6	5.10	84	1772770	276.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	569389	261.82	ug/L	0.00
41) Toluene-d8	7.36	98	1609059	279.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	296012	293.26	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	467152	392.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	704620	219.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	533516	231.54	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	435483	179.224	ug/L	97
3) Chloromethane	1.24	50	296500	122.309	ug/L	100
5) Vinyl chloride	1.32	62	349873	157.326	ug/L	99
6) Bromomethane	1.51	94	164121	242.898	ug/L	100
8) Chloroethane	1.59	64	199704	166.806	ug/L	99
9) Trichlorofluoromethane	1.76	101	539583	184.131	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	309321	191.614	ug/L	99
12) 1,1-Dichloroethene	2.14	96	278056	185.257	ug/L	92
13) Acetone	2.19	43	392392	254.046	ug/L	97
14) Carbon disulfide	2.31	76	1211476	196.143	ug/L	99
15) Methyl Acetate	2.45	43	514911	182.529	ug/L	99
16) Methylene chloride	2.53	84	450913	191.775	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	409572	191.164	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	1449933	196.868	ug/L	100
19) 1,1-Dichloroethane	3.23	63	797832	188.339	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	474096	193.051	ug/L	100
22) 2-Butanone	4.01	43	704843	331.940	ug/L	97
23) Bromochloromethane	4.29	128	230315	199.435	ug/L	99
25) Chloroform	4.42	83	818866	190.790	ug/L	97
27) 1,2-Dichloroethane	5.18	62	656274	192.874	ug/L	99
29) Cyclohexane	4.72	56	773542	200.035	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	712001	198.039	ug/L	100
31) Carbon tetrachloride	4.87	117	623671	205.826	ug/L	100
33) Benzene	5.14	78	1753667	200.622	ug/L	100
34) Trichloroethene	5.96	95	459862	203.583	ug/L	98
35) Methylcyclohexane	6.17	83	796925	212.819	ug/L	97
37) 1,2-Dichloropropane	6.22	63	481359	201.574	ug/L	100
38) Bromodichloromethane	6.55	83	626823	209.234	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	779165	218.277	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1245669	361.120	ug/L	100

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42) Toluene	7.43	91	1815014	197.749	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	721655	219.664	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	430970	200.861	ug/L	99
46) Tetrachloroethene	8.02	164	333290	206.244	ug/L	96
48) 2-Hexanone	8.18	43	959591	365.773	ug/L	96
49) Dibromochloromethane	8.29	129	493934	221.838	ug/L	98
50) 1,2-Dibromoethane	8.40	107	455887	203.240	ug/L	99
51) Chlorobenzene	8.93	112	1144735	198.119	ug/L	100
52) Ethylbenzene	9.05	91	2010809	197.569	ug/L	100
53) m,p-Xylene	9.18	106	759107	203.847	ug/L	99
54) o-xylene	9.59	106	730582	195.624	ug/L	98
55) Styrene	9.60	104	1229419	201.858	ug/L	100
56) Isopropylbenzene	9.98	105	1914759	196.211	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	669235	189.449	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	540523	181.628	ug/L	99
61) Bromoform	9.78	173	338498	220.511	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	821311	194.415	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	813648	194.106	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	801284	186.864	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	148879	189.620	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	566863	203.777	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	496097	229.211	ug/L	99
69) Naphthalene	13.55	128	1563877	239.250	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	489812	223.450	ug/L	100

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

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