

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\
 Data File : VV008906.D
 Acq On : 13 Dec 2018 13:12
 Operator : SY/MD
 Sample : VSTD10073
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10073

Quant Time: Dec 14 00:25:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 00:21:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	219990	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	206144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105051	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123506	81.98	ug/L	0.00
7) Chloroethane-d5	1.58	69	95240	112.84	ug/L	0.03
11) 1,1-Dichloroethene-d2	2.14	63	304784	115.81	ug/L	0.01
21) 2-Butanone-d5	3.93	46	178288	150.66	ug/L	0.00
24) Chloroform-d	4.41	84	283458	92.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	180514	91.83	ug/L	0.00
32) Benzene-d6	5.10	84	563118	90.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	165555	85.31	ug/L	0.00
41) Toluene-d8	7.36	98	538537	95.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	91153	101.87	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	140837	165.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	222708	84.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	213226	93.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	150575	86.743 ug/L	99
3) Chloromethane	1.26	50	123498	74.465 ug/L	98
5) Vinyl chloride	1.33	62	130593	80.398 ug/L	100
6) Bromomethane	1.53	94	88429	148.551 ug/L	99
8) Chloroethane	1.60	64	77239	97.824 ug/L	98
9) Trichlorofluoromethane	1.77	101	246455	110.422 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	150598	116.328 ug/L	100
12) 1,1-Dichloroethene	2.15	96	133793	115.098 ug/L	98
13) Acetone	2.19	43	236433	190.258 ug/L	97
14) Carbon disulfide	2.32	76	359148	84.155 ug/L	100
15) Methyl Acetate	2.46	43	134139	72.014 ug/L	98
16) Methylene chloride	2.54	84	145759	85.981 ug/L	99
17) trans-1,2-Dichloroethene	2.80	96	136480	89.488 ug/L	99
18) Methyl tert-butyl Ether	2.81	73	437733	86.703 ug/L	99
19) 1,1-Dichloroethane	3.24	63	242544	84.139 ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	154480	88.077 ug/L	100
22) 2-Butanone	4.02	43	218033	145.552 ug/L	99
23) Bromochloromethane	4.31	128	83200	96.768 ug/L	98
25) Chloroform	4.43	83	268823	88.038 ug/L	99
27) 1,2-Dichloroethane	5.18	62	208819	88.669 ug/L	99
29) Cyclohexane	4.73	56	215933	80.780 ug/L	95
30) 1,1,1-Trichloroethane	4.67	97	246955	96.768 ug/L	99
31) Carbon tetrachloride	4.88	117	226471	105.160 ug/L	99
33) Benzene	5.15	78	555393	85.615 ug/L	100
34) Trichloroethene	5.96	95	157797	91.033 ug/L	100
35) Methylcyclohexane	6.18	83	247958	87.663 ug/L	99
37) 1,2-Dichloropropane	6.23	63	141695	81.394 ug/L	100
38) Bromodichloromethane	6.56	83	203932	95.724 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	243324	96.901 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	348450	147.163 ug/L	96

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42) Toluene	7.43	91	606956	89.777	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	228468	99.239	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	147562	91.136	ug/L	98
46) Tetrachloroethene	8.02	164	129993	101.627	ug/L	99
48) 2-Hexanone	8.18	43	299957	159.734	ug/L	95
49) Dibromochloromethane	8.29	129	178543	107.829	ug/L	100
50) 1,2-Dibromoethane	8.40	107	159510	93.920	ug/L	98
51) Chlorobenzene	8.93	112	414320	95.137	ug/L	99
52) Ethylbenzene	9.06	91	690500	93.069	ug/L	100
53) m,p-Xylene	9.18	106	269810	98.424	ug/L	100
54) o-xylene	9.59	106	259377	94.932	ug/L	96
55) Styrene	9.61	104	441801	97.176	ug/L	100
56) Isopropylbenzene	9.98	105	697178	97.013	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	218888	81.638	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	179663	81.897	ug/L	99
61) Bromoform	9.78	173	131759	109.947	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	328535	93.442	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	331216	92.667	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	331823	91.309	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	48723	85.466	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	241092	99.723	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	195598	109.262	ug/L	100
69) Naphthalene	13.55	128	467228	95.361	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	193777	105.176	ug/L	100

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

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