

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\
 Data File : VV009602.D
 Acq On : 12 Mar 2019 11:04
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01062

Quant Time: Mar 13 01:50:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 13 01:47:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169876	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68281	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10168	10.11	ug/L	0.00
7) Chloroethane-d5	1.56	69	10399	9.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	27046	10.20	ug/L	0.00
21) 2-Butanone-d5	3.94	46	14828	19.96	ug/L	0.00
24) Chloroform-d	4.40	84	20844	9.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	13996	9.63	ug/L	0.00
32) Benzene-d6	5.10	84	42725	9.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	12886	9.91	ug/L	0.00
41) Toluene-d8	7.36	98	40602	9.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6015	8.95	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	10488	18.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20152	9.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	14137	9.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12768	11.885 ug/L	99
3) Chloromethane	1.25	50	12051	11.744 ug/L	97
5) Vinyl chloride	1.32	62	12391	11.325 ug/L	98
6) Bromomethane	1.51	94	10923	11.704 ug/L	99
8) Chloroethane	1.58	64	9069	10.643 ug/L	97
9) Trichlorofluoromethane	1.76	101	26593	11.465 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	15150	11.779 ug/L	95
12) 1,1-Dichloroethene	2.14	96	12344	11.219 ug/L	87
13) Acetone	2.19	43	22587	28.844 ug/L	92
14) Carbon disulfide	2.31	76	30228	11.012 ug/L	98
15) Methyl Acetate	2.46	43	12052	11.876 ug/L	96
16) Methylene chloride	2.53	84	11852	11.068 ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	11056	11.018 ug/L	90
18) Methyl tert-butyl Ether	2.81	73	36247	11.240 ug/L	98
19) 1,1-Dichloroethane	3.23	63	20910	11.269 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	13351	11.438 ug/L	97
22) 2-Butanone	4.03	43	18497	21.764 ug/L	97
23) Bromochloromethane	4.30	128	6795	11.536 ug/L	89
25) Chloroform	4.43	83	23326	11.214 ug/L	99
27) 1,2-Dichloroethane	5.18	62	18428	11.307 ug/L	99
29) Cyclohexane	4.73	56	18611	11.431 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	19694	11.138 ug/L	97
31) Carbon tetrachloride	4.88	117	15700	10.640 ug/L	98
33) Benzene	5.15	78	46832	11.156 ug/L	100
34) Trichloroethene	5.96	95	13008	11.610 ug/L	95
35) Methylcyclohexane	6.18	83	20768	11.458 ug/L	97
37) 1,2-Dichloropropane	6.22	63	12389	11.579 ug/L	# 92
38) Bromodichloromethane	6.56	83	16590	10.995 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	17437	10.225 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	32541	22.628 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	52892	11.055	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	15649	9.773	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	12719	11.525	ug/L	92
46) Tetrachloroethene	8.02	164	9449	10.727	ug/L	97
48) 2-Hexanone	8.19	43	23637	20.627	ug/L	99
49) Dibromochloromethane	8.29	129	12755	10.385	ug/L	99
50) 1,2-Dibromoethane	8.40	107	12935	11.065	ug/L	92
51) Chlorobenzene	8.93	112	35280	10.984	ug/L	98
52) Ethylbenzene	9.06	91	58559	10.804	ug/L	100
53) m,p-Xylene	9.18	106	22051	10.619	ug/L	93
54) o-Xylene	9.59	106	21990	10.491	ug/L	99
55) Styrene	9.61	104	34434	10.140	ug/L	100
56) Isopropylbenzene	9.98	105	57008	10.446	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	20869	10.696	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	15900	10.960	ug/L	98
61) Bromoform	9.78	173	8001	10.392	ug/L #	92
62) 1,3-Dichlorobenzene	11.23	146	23130	11.142	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	22643	11.066	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	24059	11.312	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.48	75	3626	11.279	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	13586	10.097	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	7792	8.367	ug/L	97
69) Naphthalene	13.55	128	20753	7.914	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	8668	8.835	ug/L	91

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

