

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\
 Data File : VV009601.D
 Acq On : 12 Mar 2019 10:39
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Quant Time: Mar 13 01:50:09 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	5.66	114	165675	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65312	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4820	4.92	ug/L	0.00
7) Chloroethane-d5	1.55	69	5534	5.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	12735	4.92	ug/L	0.00
21) 2-Butanone-d5	3.94	46	6420	8.86	ug/L	0.00
24) Chloroform-d	4.40	84	10275	4.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	7119	5.02	ug/L	0.00
32) Benzene-d6	5.10	84	21131	5.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6089	4.87	ug/L	0.00
41) Toluene-d8	7.36	98	19213	4.72	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2881	4.46	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	5049	9.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	8913	4.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	6984	5.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	4354	4.156 ug/L	96
3) Chloromethane	1.25	50	4709	4.706 ug/L	93
5) Vinyl chloride	1.32	62	4705	4.409 ug/L	89
6) Bromomethane	1.51	94	4319	4.745 ug/L	100
8) Chloroethane	1.58	64	4001	4.815 ug/L	89
9) Trichlorofluoromethane	1.75	101	10000	4.420 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5298	4.224 ug/L	97
12) 1,1-Dichloroethene	2.13	96	4611	4.297 ug/L	84
13) Acetone	2.19	43	7011	9.180 ug/L	97
14) Carbon disulfide	2.31	76	11305	4.223 ug/L	99
15) Methyl Acetate	2.46	43	4289	4.333 ug/L	97
16) Methylene chloride	2.53	84	4666	4.468 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	4456	4.553 ug/L	93
18) Methyl tert-butyl Ether	2.81	73	13363	4.249 ug/L	99
19) 1,1-Dichloroethane	3.23	63	7830	4.327 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	4659	4.093 ug/L	87
22) 2-Butanone	4.03	43	7355	8.874 ug/L	84
23) Bromochloromethane	4.30	128	2283	3.974 ug/L	90
25) Chloroform	4.43	83	9380	4.624 ug/L	90
27) 1,2-Dichloroethane	5.18	62	6928	4.359 ug/L #	94
29) Cyclohexane	4.72	56	6764	4.322 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	7021	4.131 ug/L	96
31) Carbon tetrachloride	4.87	117	5511	3.886 ug/L	99
33) Benzene	5.15	78	17639	4.372 ug/L	100
34) Trichloroethene	5.96	95	4534	4.210 ug/L	94
35) Methylcyclohexane	6.18	83	7398	4.246 ug/L	98
37) 1,2-Dichloropropane	6.22	63	4464	4.341 ug/L #	87
38) Bromodichloromethane	6.56	83	5994	4.133 ug/L #	89
39) cis-1,3-Dichloropropene	7.07	75	6628	4.043 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	11055	7.997 ug/L	98

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

42) Toluene	7.43	91	19049	4.142	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	5662	3.679	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	4313	4.066	ug/L	87
46) Tetrachloroethene	8.02	164	3943	4.657	ug/L	89
48) 2-Hexanone	8.19	43	8659	7.861	ug/L #	96
49) Dibromochloromethane	8.29	129	4066	3.444	ug/L	78
50) 1,2-Dibromoethane	8.40	107	4361	3.881	ug/L #	90
51) Chlorobenzene	8.93	112	12522	4.056	ug/L	98
52) Ethylbenzene	9.06	91	21129	4.055	ug/L	90
53) m,p-Xylene	9.18	106	7587	3.801	ug/L	92
54) o-Xylene	9.59	106	8022	3.982	ug/L	95
55) Styrene	9.61	104	11342	3.475	ug/L	98
56) Isopropylbenzene	9.98	105	20408	3.890	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	7706	4.109	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	5636	4.042	ug/L	96
61) Bromoform	9.78	173	3147	4.273	ug/L #	89
62) 1,3-Dichlorobenzene	11.23	146	8405	4.233	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	8426	4.305	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	8702	4.277	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	1252	4.072	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	5287	4.108	ug/L	91
68) 1,2,4-trichlorobenzene	13.31	180	2534	2.845	ug/L	95
69) Naphthalene	13.56	128	6654	2.653	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	2715	2.893	ug/L #	96

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

