

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\
 Data File : VV009604.D
 Acq On : 12 Mar 2019 11:53
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10064

Quant Time: Mar 13 01:51:46 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	173951	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179359	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90028	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97799	95.00	ug/L	0.00
7) Chloroethane-d5	1.55	69	112600	105.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	255263	93.98	ug/L	0.00
21) 2-Butanone-d5	3.93	46	151660	199.34	ug/L	0.00
24) Chloroform-d	4.40	84	221526	98.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	143456	96.40	ug/L	0.00
32) Benzene-d6	5.10	84	441460	94.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	132863	95.27	ug/L	0.00
41) Toluene-d8	7.36	98	451727	99.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	74035	102.79	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	120979	198.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	222611	99.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	181666	95.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	105449	95.861 ug/L	99
3) Chloromethane	1.25	50	97995	93.263 ug/L	95
5) Vinyl chloride	1.32	62	107877	96.289 ug/L	98
6) Bromomethane	1.51	94	89525	93.682 ug/L	99
8) Chloroethane	1.57	64	80409	92.158 ug/L	100
9) Trichlorofluoromethane	1.75	101	225525	94.949 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	124217	94.316 ug/L	99
12) 1,1-Dichloroethene	2.13	96	107536	95.443 ug/L	96
13) Acetone	2.19	43	138555	172.790 ug/L	96
14) Carbon disulfide	2.31	76	278658	99.137 ug/L	99
15) Methyl Acetate	2.46	43	98671	94.951 ug/L	99
16) Methylene chloride	2.53	84	106108	96.767 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	99485	96.820 ug/L	97
18) Methyl tert-butyl Ether	2.81	73	320964	97.194 ug/L	99
19) 1,1-Dichloroethane	3.23	63	185192	97.465 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	116516	97.484 ug/L	98
22) 2-Butanone	4.02	43	172191	197.858 ug/L	98
23) Bromochloromethane	4.30	128	59139	98.051 ug/L	95
25) Chloroform	4.43	83	204284	95.911 ug/L	95
27) 1,2-Dichloroethane	5.18	62	160944	96.441 ug/L	99
29) Cyclohexane	4.72	56	166608	95.426 ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	183787	96.933 ug/L	98
31) Carbon tetrachloride	4.87	117	159269	100.660 ug/L	97
33) Benzene	5.15	78	434939	96.621 ug/L	100
34) Trichloroethene	5.96	95	114817	95.565 ug/L	98
35) Methylcyclohexane	6.18	83	188271	96.868 ug/L	98
37) 1,2-Dichloropropane	6.22	63	110869	96.630 ug/L	99
38) Bromodichloromethane	6.56	83	158451	97.932 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	189283	103.504 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	303630	196.889 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	499232	97.303	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	180096	104.881	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	116498	98.442	ug/L	98
46) Tetrachloroethene	8.02	164	90960	96.298	ug/L	98
48) 2-Hexanone	8.19	43	243229	197.933	ug/L	98
49) Dibromochloromethane	8.29	129	139437	105.867	ug/L	100
50) 1,2-Dibromoethane	8.40	107	126678	101.056	ug/L	99
51) Chlorobenzene	8.93	112	343330	99.679	ug/L	97
52) Ethylbenzene	9.06	91	581058	99.969	ug/L	100
53) m,p-Xylene	9.18	106	228500	102.617	ug/L	95
54) o-Xylene	9.59	106	228123	101.495	ug/L	99
55) Styrene	9.60	104	382830	105.126	ug/L	97
56) Isopropylbenzene	9.98	105	597055	102.022	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	208727	99.766	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	156805	100.794	ug/L	98
61) Bromoform	9.78	173	102802	101.274	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	269263	98.376	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	262943	97.463	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	271580	96.845	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	42279	99.748	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	183436	103.398	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	142875	116.354	ug/L	99
69) Naphthalene	13.55	128	416551	120.480	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	146542	113.286	ug/L	97

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

