

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\
 Data File : VV009605.D
 Acq On : 12 Mar 2019 12:17
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Quant Time: Mar 13 01:52:20 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	179523	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98351	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195617	184.11	ug/L	0.00
7) Chloroethane-d5	1.55	69	143701	129.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	542610	193.58	ug/L	0.00
21) 2-Butanone-d5	3.93	46	308015	392.28	ug/L	0.00
24) Chloroform-d	4.40	84	456049	196.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	289693	188.63	ug/L	0.00
32) Benzene-d6	5.10	84	901282	189.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	271698	190.85	ug/L	0.00
41) Toluene-d8	7.36	98	917895	197.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	155280	211.19	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	260590	418.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	467406	204.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	395428	190.59	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	234342	206.422	ug/L	100
3) Chloromethane	1.25	50	213687	197.057	ug/L	96
5) Vinyl chloride	1.32	62	236581	204.613	ug/L	99
6) Bromomethane	1.51	94	186010	188.606	ug/L	96
8) Chloroethane	1.57	64	186698	207.336	ug/L	100
9) Trichlorofluoromethane	1.75	101	496006	202.343	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	278770	205.095	ug/L	99
12) 1,1-Dichloroethene	2.13	96	243827	209.690	ug/L	96
13) Acetone	2.19	43	284244	343.475	ug/L	96
14) Carbon disulfide	2.31	76	616728	212.602	ug/L	99
15) Methyl Acetate	2.46	43	215287	200.741	ug/L	99
16) Methylene chloride	2.53	84	231919	204.938	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	220888	208.300	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	714287	209.586	ug/L	99
19) 1,1-Dichloroethane	3.23	63	400506	204.241	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	258085	209.227	ug/L	97
22) 2-Butanone	4.02	43	365191	406.602	ug/L	99
23) Bromochloromethane	4.30	128	132708	213.197	ug/L	93
25) Chloroform	4.42	83	442184	201.160	ug/L	97
27) 1,2-Dichloroethane	5.18	62	352024	204.392	ug/L	98
29) Cyclohexane	4.72	56	369794	207.485	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	411092	212.399	ug/L	100
31) Carbon tetrachloride	4.87	117	369698	228.890	ug/L	99
33) Benzene	5.15	78	952392	207.259	ug/L	100
34) Trichloroethene	5.96	95	258060	210.411	ug/L	97
35) Methylcyclohexane	6.18	83	422297	212.849	ug/L	98
37) 1,2-Dichloropropane	6.22	63	241250	205.979	ug/L	100
38) Bromodichloromethane	6.56	83	361721	219.008	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	426004	228.199	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	681303	432.786	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1124264	214.659	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	410813	234.364	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	254727	210.860	ug/L	99
46) Tetrachloroethene	8.02	164	203268	210.810	ug/L	98
48) 2-Hexanone	8.19	43	585177	466.495	ug/L	96
49) Dibromochloromethane	8.29	129	321055	238.791	ug/L	97
50) 1,2-Dibromoethane	8.40	107	279759	218.625	ug/L	99
51) Chlorobenzene	8.93	112	765786	217.800	ug/L	98
52) Ethylbenzene	9.06	91	1311751	221.083	ug/L	99
53) m,p-Xylene	9.18	106	518337	228.035	ug/L	95
54) o-Xylene	9.59	106	518631	226.042	ug/L	98
55) Styrene	9.61	104	901556	242.523	ug/L	96
56) Isopropylbenzene	9.98	105	1369417	229.230	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	469158	219.674	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	345277	217.420	ug/L	98
61) Bromoform	9.78	173	247803	223.460	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	635080	212.393	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	634013	215.118	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	638743	208.500	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	100234	216.468	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	436362	225.150	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	371388	276.855	ug/L	99
69) Naphthalene	13.55	128	1071787	283.761	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	371073	262.586	ug/L	97

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

