

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\
 Data File : VV009603.D
 Acq On : 12 Mar 2019 11:28
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Mar 13 01:51:11 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	164960	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55405	56.75	ug/L	0.00
7) Chloroethane-d5	1.55	69	62056	61.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	140117	54.40	ug/L	0.00
21) 2-Butanone-d5	3.93	46	82160	113.88	ug/L	0.00
24) Chloroform-d	4.40	84	119866	56.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	79382	56.25	ug/L	0.00
32) Benzene-d6	5.10	84	241123	55.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	73032	56.40	ug/L	0.00
41) Toluene-d8	7.36	98	235115	55.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	37730	56.41	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	63237	111.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117720	56.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	91855	54.77	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	51614	49.478 ug/L	100
3) Chloromethane	1.25	50	48155	48.328 ug/L	100
5) Vinyl chloride	1.32	62	53103	49.982 ug/L	100
6) Bromomethane	1.51	94	45341	50.032 ug/L	100
8) Chloroethane	1.57	64	41969	50.723 ug/L	100
9) Trichlorofluoromethane	1.75	101	113554	50.413 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	62994	50.437 ug/L	100
12) 1,1-Dichloroethene	2.13	96	54272	50.794 ug/L	100
13) Acetone	2.19	43	69744	91.717 ug/L	100
14) Carbon disulfide	2.31	76	133255	49.992 ug/L	100
15) Methyl Acetate	2.46	43	48903	49.624 ug/L	100
16) Methylene chloride	2.53	84	52371	50.364 ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	47641	48.892 ug/L	100
18) Methyl tert-butyl Ether	2.80	73	157588	50.322 ug/L	100
19) 1,1-Dichloroethane	3.23	63	91169	50.597 ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	57617	50.833 ug/L	100
22) 2-Butanone	4.02	43	84069	101.865 ug/L	100
23) Bromochloromethane	4.30	128	28743	50.252 ug/L	100
25) Chloroform	4.43	83	99872	49.445 ug/L	100
27) 1,2-Dichloroethane	5.18	62	80012	50.558 ug/L	100
29) Cyclohexane	4.72	56	81128	50.042 ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	90544	51.430 ug/L	100
31) Carbon tetrachloride	4.87	117	74031	50.389 ug/L	100
33) Benzene	5.15	78	210576	50.379 ug/L	100
34) Trichloroethene	5.96	95	55182	49.464 ug/L	100
35) Methylcyclohexane	6.18	83	87704	48.597 ug/L	100
37) 1,2-Dichloropropane	6.22	63	52087	48.891 ug/L	100
38) Bromodichloromethane	6.56	83	75082	49.976 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	84296	49.642 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	143547	100.246 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	242919	50.990	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	85017	53.320	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	54700	49.779	ug/L	100
46) Tetrachloroethene	8.02	164	42927	48.943	ug/L	100
48) 2-Hexanone	8.19	43	117145	102.665	ug/L	100
49) Dibromochloromethane	8.29	129	62379	51.005	ug/L	100
50) 1,2-Dibromoethane	8.40	107	58988	50.678	ug/L	100
51) Chlorobenzene	8.93	112	160655	50.233	ug/L	100
52) Ethylbenzene	9.06	91	270778	50.172	ug/L	100
53) m,p-Xylene	9.18	106	104569	50.575	ug/L	100
54) o-Xylene	9.59	106	105329	50.468	ug/L	100
55) Styrene	9.60	104	173676	51.362	ug/L	100
56) Isopropylbenzene	9.98	105	274680	50.548	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	98350	50.626	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	72272	50.031	ug/L	100
61) Bromoform	9.78	173	43747	48.802	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	120068	49.675	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	116998	49.108	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	124114	50.118	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	18302	48.896	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	79038	50.449	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	56746	52.330	ug/L	100
69) Naphthalene	13.55	128	160969	52.721	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	62376	54.604	ug/L	100

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

