

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009158.D
 Acq On : 04 Jan 2019 12:37
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Jan 05 04:24:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 04:20:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	203106	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186521	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97570	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112073	80.70	ug/L	0.00
7) Chloroethane-d5	1.58	69	112715	83.65	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	397885	85.69	ug/L	0.00
20) 2-Butanone-d5	3.95	46	178128	184.94	ug/L	-0.02
24) Chloroform-d	4.40	84	387107	90.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	211411	92.41	ug/L	0.00
29) Benzene-d6	5.10	84	743962	89.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	216153	90.72	ug/L	0.00
37) Toluene-d8	7.36	98	699850	89.28	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	107292	94.91	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	117605	209.13	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	246862	94.27	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	281439	85.34	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	279518	85.616	ug/L	99
3) Chloromethane	1.25	50	188209	85.116	ug/L	99
5) Vinyl chloride	1.32	62	203175	85.813	ug/L	99
6) Bromomethane	1.53	94	144244	86.490	ug/L	97
8) Chloroethane	1.60	64	124442	85.286	ug/L	97
9) Trichlorofluoromethane	1.76	101	394630	90.914	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	265470	91.830	ug/L	99
12) 1,1-Dichloroethene	2.14	96	229419	91.508	ug/L	96
13) Acetone	2.21	43	195615	141.227	ug/L	100
14) Carbon disulfide	2.31	76	651648	90.963	ug/L	99
15) Methyl Acetate	2.47	43	158109	92.253	ug/L	97
16) Methylene chloride	2.53	84	242576	79.944	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	610897	99.480	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	244871	92.163	ug/L	98
19) 1,1-Dichloroethane	3.23	63	410357	93.007	ug/L	99
21) 2-Butanone	4.03	43	231087	181.408	ug/L	# 89
22) cis-1,2-Dichloroethene	3.96	96	268194	94.423	ug/L	99
23) Bromochloromethane	4.30	128	128910	96.468	ug/L	98
25) Chloroform	4.43	83	441606	93.989	ug/L	99
27) 1,2-Dichloroethane	5.18	62	308032	97.602	ug/L	99
30) Cyclohexane	4.73	56	375313	90.766	ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	422011	93.061	ug/L	99
32) Carbon tetrachloride	4.87	117	389857	93.925	ug/L	100
34) Benzene	5.15	78	926236	92.375	ug/L	100
35) Trichloroethene	5.96	95	264651	91.615	ug/L	99
36) Methylcyclohexane	6.18	83	445913	92.386	ug/L	98
40) 1,2-Dichloropropane	6.22	63	226305	93.639	ug/L	99
41) Bromodichloromethane	6.56	83	330922	99.895	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	383852	100.230	ug/L	99
43) 4-Methyl-2-pentanone	7.28	43	420321	182.457	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1005143	92.978	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	343498	102.445	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	208635	97.673	ug/L	98
47) Tetrachloroethene	8.02	164	228339	91.238	ug/L	98
49) 2-Hexanone	8.19	43	323974	191.090	ug/L	99
50) Dibromochloromethane	8.29	129	267595	101.974	ug/L	98
51) 1,2-Dibromoethane	8.40	107	216440	96.904	ug/L	97
52) Chlorobenzene	8.93	112	686492	92.550	ug/L	100
53) Ethylbenzene	9.06	91	1163524	95.170	ug/L	99
54) m,p-Xylene	9.18	106	451029	94.690	ug/L	100
55) o-xylene	9.59	106	427253	97.008	ug/L	99
56) Styrene	9.60	104	732143	98.555	ug/L	100
57) Isopropylbenzene	9.98	105	1195997	97.873	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	285728	99.836	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	221239	96.716	ug/L	98
62) Bromoform	9.78	173	179872	104.384	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	573879	93.349	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	579180	90.381	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	541226	92.421	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	61464	101.097	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	455320	91.834	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	389135	96.425	ug/L	100
69) Naphthalene	13.55	128	894737	108.849	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	355675	96.036	ug/L	98

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

