

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
 Data File : VV009195.D
 Acq On : 08 Jan 2019 14:50
 Operator : SY/MD
 Sample : VSTD10081
 Misc : 5.00 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10081

Quant Time: Jan 08 15:10:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 14:22:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264283	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245493	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	128399	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	253635	140.36	ug/L	0.00
7) Chloroethane-d5	1.58	69	188102	107.28	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	663732	109.85	ug/L	0.00
20) 2-Butanone-d5	3.95	46	225014	176.94	ug/L	0.00
24) Chloroform-d	4.40	84	628137	112.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	353348	118.69	ug/L	0.00
29) Benzene-d6	5.10	84	1258419	115.04	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	360890	115.08	ug/L	0.00
37) Toluene-d8	7.36	98	1196364	115.95	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	191931	128.99	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	155537	210.14	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	369718	107.27	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	467733	107.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	411813	96.939 ug/L	99
3) Chloromethane	1.25	50	284675	98.941 ug/L	99
5) Vinyl chloride	1.32	62	292695	95.006 ug/L	97
6) Bromomethane	1.53	94	190042	87.573 ug/L	98
8) Chloroethane	1.60	64	157587	83.001 ug/L	98
9) Trichlorofluoromethane	1.76	101	557124	98.638 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	338647	90.027 ug/L	97
12) 1,1-Dichloroethene	2.14	96	302108	92.607 ug/L	89
13) Acetone	2.21	43	305402	169.449 ug/L	93
14) Carbon disulfide	2.31	76	1036931	111.239 ug/L	100
15) Methyl Acetate	2.47	43	192190	86.180 ug/L	93
16) Methylene chloride	2.53	84	338773	85.802 ug/L	88
17) Methyl tert-butyl Ether	2.81	73	863845	108.108 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	344716	99.709 ug/L	98
19) 1,1-Dichloroethane	3.23	63	558883	97.349 ug/L	99
21) 2-Butanone	4.03	43	316620	200.845 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	374122	101.227 ug/L	99
23) Bromochloromethane	4.30	128	182190	104.779 ug/L	96
25) Chloroform	4.43	83	604238	98.834 ug/L	100
27) 1,2-Dichloroethane	5.18	62	423338	103.087 ug/L	99
30) Cyclohexane	4.73	56	532404	97.827 ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	557101	93.339 ug/L	99
32) Carbon tetrachloride	4.88	117	518514	94.913 ug/L	99
34) Benzene	5.15	78	1294103	98.059 ug/L	100
35) Trichloroethene	5.96	95	363264	95.544 ug/L	99
36) Methylcyclohexane	6.18	83	628785	98.980 ug/L	99
40) 1,2-Dichloropropane	6.22	63	320315	100.700 ug/L	100
41) Bromodichloromethane	6.56	83	455885	104.559 ug/L	100
42) cis-1,3-Dichloropropene	7.07	75	550024	109.120 ug/L	99
43) 4-Methyl-2-pentanone	7.28	43	514937	169.833 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	1393999	97.972	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	490129	111.062	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	284349	101.141	ug/L	99
47) Tetrachloroethene	8.02	164	312670	94.922	ug/L	99
49) 2-Hexanone	8.19	43	413549	185.329	ug/L	98
50) Dibromochloromethane	8.29	129	369603	107.013	ug/L	98
51) 1,2-Dibromoethane	8.40	107	300129	102.094	ug/L	97
52) Chlorobenzene	8.93	112	961895	98.527	ug/L	99
53) Ethylbenzene	9.06	91	1602842	99.611	ug/L	100
54) m,p-Xylene	9.18	106	625704	99.806	ug/L	99
55) o-xylene	9.59	106	595056	102.653	ug/L	98
56) Styrene	9.60	104	1020883	104.412	ug/L	98
57) Isopropylbenzene	9.98	105	1604963	99.790	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	373469	99.147	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	283012	94.000	ug/L	99
62) Bromoform	9.78	173	240332	105.984	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	791079	97.783	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	793241	94.064	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	740925	96.144	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	74044	92.547	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	621057	95.186	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	542602	102.171	ug/L	100
69) Naphthalene	13.55	128	1176862	108.795	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	492603	101.072	ug/L	99

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

