

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040119\
 Data File : VV010050.D
 Acq On : 01 Apr 2019 15:54
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Apr 01 16:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 01 16:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	280534	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	277122	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	147019	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	186026	32.68	ug/L	0.00
7) Chloroethane-d5	1.57	69	163246	26.55	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	466793	29.98	ug/L	0.00
20) 2-Butanone-d5	3.93	46	109900	103.60	ug/L	0.00
24) Chloroform-d	4.40	84	349602	48.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	204067	47.44	ug/L	0.00
29) Benzene-d6	5.10	84	716806	49.25	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	208010	48.85	ug/L	0.00
37) Toluene-d8	7.36	98	720704	52.32	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	95031	54.56	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	90797	114.25	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	219513	52.07	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	282125	50.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	202105	46.534	ug/L 99
3) Chloromethane	1.25	50	172933	34.453	ug/L 98
5) Vinyl chloride	1.33	62	199354	30.546	ug/L 97
6) Bromomethane	1.51	94	181786	27.926	ug/L 98
8) Chloroethane	1.59	64	133945	23.824	ug/L 99
9) Trichlorofluoromethane	1.77	101	406997	29.242	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	236037	29.177	ug/L 99
12) 1,1-Dichloroethene	2.14	96	199182	29.024	ug/L 97
13) Acetone	2.19	43	135432	84.322	ug/L 99
14) Carbon disulfide	2.32	76	413794	44.567	ug/L 99
15) Methyl Acetate	2.46	43	86628	46.046	ug/L 97
16) Methylene chloride	2.54	84	182412	39.485	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	428305	47.831	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	168464	45.831	ug/L 98
19) 1,1-Dichloroethane	3.23	63	296119	44.051	ug/L 100
21) 2-Butanone	4.01	43	127679	89.259	ug/L 92
22) cis-1,2-Dichloroethene	3.96	96	196203	48.341	ug/L 94
23) Bromochloromethane	4.30	128	95439	50.926	ug/L 96
25) Chloroform	4.43	83	346178	46.576	ug/L 99
27) 1,2-Dichloroethane	5.18	62	224900	42.707	ug/L 98
30) Cyclohexane	4.73	56	258382	46.242	ug/L 96
31) 1,1,1-Trichloroethane	4.66	97	288328	51.989	ug/L 99
32) Carbon tetrachloride	4.88	117	274360	56.916	ug/L 97
34) Benzene	5.15	78	700205	46.013	ug/L 100
35) Trichloroethene	5.96	95	193617	48.235	ug/L 99
36) Methylcyclohexane	6.18	83	312454	49.613	ug/L 99
40) 1,2-Dichloropropane	6.22	63	173517	45.631	ug/L 100
41) Bromodichloromethane	6.56	83	237702	50.264	ug/L 99
42) cis-1,3-Dichloropropene	7.07	75	286241	51.630	ug/L 99
43) 4-Methyl-2-pentanone	7.27	43	269173	99.194	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	7.43	91	805954	48.041	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	237767	52.391	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	157352	50.033	ug/L	98
47) Tetrachloroethene	8.02	164	173077	54.641	ug/L	98
49) 2-Hexanone	8.18	43	197046	107.440	ug/L	98
50) Dibromochloromethane	8.29	129	194624	59.681	ug/L	98
51) 1,2-Dibromoethane	8.40	107	162938	53.358	ug/L	98
52) Chlorobenzene	8.93	112	547534	49.026	ug/L	98
53) Ethylbenzene	9.05	91	914785	49.431	ug/L	100
54) m,p-Xylene	9.18	106	366783	50.462	ug/L	99
55) o-xylene	9.59	106	359251	50.921	ug/L	97
56) Styrene	9.60	104	608552	50.218	ug/L	98
57) Isopropylbenzene	9.97	105	945141	51.640	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	210431	49.640	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	150829	49.298	ug/L	100
62) Bromoform	9.77	173	111318	58.865	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	451136	49.612	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	460199	46.567	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	438137	48.822	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	30831	54.967	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	346101	53.594	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	267131	56.076	ug/L	99
69) Naphthalene	13.55	128	475612	60.063	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	257927	56.943	ug/L	98

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

