

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040119\
 Data File : VV010049.D
 Acq On : 01 Apr 2019 15:28
 Operator : SY/MD
 Sample : VSTD02563
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

Quant Time: Apr 01 16:30:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 01 15:02:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	282755	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	283900	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	150349	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92353	16.10	ug/L	0.00
7) Chloroethane-d5	1.57	69	77873	12.57	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	228651	14.57	ug/L	0.00
20) 2-Butanone-d5	3.93	46	46865	43.83	ug/L	0.00
24) Chloroform-d	4.40	84	161854	22.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	98617	22.75	ug/L	0.00
29) Benzene-d6	5.10	84	344369	23.10	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	99289	22.76	ug/L	0.00
37) Toluene-d8	7.36	98	347424	24.62	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	43103	24.16	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	37704	46.31	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	102227	23.67	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	138742	24.24	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	104623	23.900 ug/L	99
3) Chloromethane	1.25	50	92236	18.232 ug/L	97
5) Vinyl chloride	1.32	62	101027	15.358 ug/L	95
6) Bromomethane	1.52	94	87258	13.299 ug/L	100
8) Chloroethane	1.59	64	70339	12.413 ug/L	99
9) Trichlorofluoromethane	1.77	101	215291	15.347 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	121607	14.914 ug/L	97
12) 1,1-Dichloroethene	2.14	96	102531	14.823 ug/L	93
13) Acetone	2.19	43	56951	35.180 ug/L	96
14) Carbon disulfide	2.32	76	210705	22.515 ug/L	100
15) Methyl Acetate	2.46	43	42579	22.455 ug/L	99
16) Methylene chloride	2.54	84	101609	21.821 ug/L	93
17) Methyl tert-butyl Ether	2.81	73	220647	24.447 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	87028	23.490 ug/L	94
19) 1,1-Dichloroethane	3.23	63	158619	23.411 ug/L	96
21) 2-Butanone	4.02	43	63308	43.910 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	100408	24.545 ug/L	92
23) Bromochloromethane	4.30	128	48926	25.902 ug/L	86
25) Chloroform	4.43	83	187077	24.972 ug/L	99
27) 1,2-Dichloroethane	5.18	62	118807	22.384 ug/L	96
30) Cyclohexane	4.73	56	132799	23.199 ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	149932	26.389 ug/L	96
32) Carbon tetrachloride	4.88	117	136275	27.595 ug/L	100
34) Benzene	5.15	78	359263	23.045 ug/L	100
35) Trichloroethene	5.96	95	102064	24.820 ug/L	96
36) Methylcyclohexane	6.18	83	161919	25.096 ug/L	97
40) 1,2-Dichloropropane	6.22	63	87474	22.454 ug/L	# 94
41) Bromodichloromethane	6.56	83	122581	25.302 ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	142701	25.125 ug/L	100
43) 4-Methyl-2-pentanone	7.27	43	130487	46.938 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	423134	24.620	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	115554	24.854	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	80930	25.119	ug/L	98
47) Tetrachloroethene	8.02	164	88382	27.236	ug/L	96
49) 2-Hexanone	8.18	43	93806	49.927	ug/L	98
50) Dibromochloromethane	8.29	129	95363	28.545	ug/L	96
51) 1,2-Dibromoethane	8.40	107	81053	25.909	ug/L	93
52) Chlorobenzene	8.93	112	288795	25.241	ug/L	94
53) Ethylbenzene	9.05	91	473706	24.986	ug/L	99
54) m,p-Xylene	9.18	106	190525	25.587	ug/L	94
55) o-xylene	9.59	106	181057	25.051	ug/L	98
56) Styrene	9.60	104	309215	24.907	ug/L	98
57) Isopropylbenzene	9.97	105	484961	25.864	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	105766	24.354	ug/L #	99
59) 1,2,3-Trichloropropane	10.32	75	77934	24.864	ug/L	99
62) Bromoform	9.77	173	51749	26.759	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	235121	25.284	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	241461	23.892	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	229768	25.036	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	14083	24.552	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	177099	26.817	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	131140	26.919	ug/L	98
69) Naphthalene	13.55	128	202100	24.957	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	126174	27.239	ug/L	97

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

