

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092319\
 Data File : VV012931.D
 Acq On : 23 Sep 2019 11:27
 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: Sep 23 11:50:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 23 11:20:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	780950	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	785077	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	426028	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	589804	53.34	ug/L	0.00
7) Chloroethane-d5	1.58	69	475347	52.21	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	976514	52.67	ug/L	0.00
20) 2-Butanone-d5	3.94	46	472427	125.38	ug/L	0.00
24) Chloroform-d	4.40	84	1061128	57.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	628232	60.37	ug/L	0.00
29) Benzene-d6	5.10	84	2202427	55.12	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	687380	56.35	ug/L	0.00
37) Toluene-d8	7.36	98	2079961	57.33	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	306840	60.43	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	336880	144.52	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	683798	60.83	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	816972	55.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	469278	54.290	ug/L 100
3) Chloromethane	1.25	50	556140	49.295	ug/L 98
5) Vinyl chloride	1.32	62	557026	49.666	ug/L 99
6) Bromomethane	1.53	94	346900	50.766	ug/L 100
8) Chloroethane	1.60	64	329710	46.977	ug/L 99
9) Trichlorofluoromethane	1.77	101	742663	49.938	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	463533	49.481	ug/L 99
12) 1,1-Dichloroethene	2.14	96	432733	48.953	ug/L 99
13) Acetone	2.21	43	456260	93.821	ug/L 100
14) Carbon disulfide	2.32	76	1410382	50.131	ug/L 100
15) Methyl Acetate	2.46	43	363459	56.097	ug/L 98
16) Methylene chloride	2.53	84	550209	31.055	ug/L 99
17) Methyl tert-butyl Ether	2.80	73	1377195	57.089	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	519706	50.407	ug/L 99
19) 1,1-Dichloroethane	3.23	63	940934	50.654	ug/L 99
21) 2-Butanone	4.03	43	564374	101.333	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	583147	53.410	ug/L 97
23) Bromochloromethane	4.30	128	284735	55.379	ug/L 98
25) Chloroform	4.42	83	977675	52.114	ug/L 100
27) 1,2-Dichloroethane	5.18	62	724342	55.368	ug/L 100
30) Cyclohexane	4.72	56	891292	48.891	ug/L 100
31) 1,1,1-Trichloroethane	4.66	97	765819	48.066	ug/L 99
32) Carbon tetrachloride	4.87	117	687171	48.225	ug/L 99
34) Benzene	5.14	78	2193308	49.486	ug/L 100
35) Trichloroethene	5.96	95	582498	48.325	ug/L 99
36) Methylcyclohexane	6.17	83	965571	49.181	ug/L 100
40) 1,2-Dichloropropane	6.22	63	575708	52.065	ug/L 99
41) Bromodichloromethane	6.55	83	735212	52.543	ug/L 99
42) cis-1,3-Dichloropropene	7.07	75	878139	53.363	ug/L 97
43) 4-Methyl-2-pentanone	7.27	43	1042295	115.429	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	2381645	50.831	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	760819	56.175	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	489571	53.816	ug/L	99
47) Tetrachloroethene	8.02	164	480067	48.789	ug/L	99
49) 2-Hexanone	8.18	43	832452	113.413	ug/L	97
50) Dibromochloromethane	8.29	129	573436	55.589	ug/L	100
51) 1,2-Dibromoethane	8.39	107	495485	55.265	ug/L	99
52) Chlorobenzene	8.92	112	1577393	50.309	ug/L	98
53) Ethylbenzene	9.05	91	2654307	51.066	ug/L	100
54) m,p-Xylene	9.18	106	1030558	52.425	ug/L	99
55) o-xylene	9.59	106	998900	53.923	ug/L	98
56) Styrene	9.60	104	1768800	55.092	ug/L	99
57) Isopropylbenzene	9.97	105	2602462	52.620	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	626704	54.453	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	507181	54.628	ug/L	100
62) Bromoform	9.77	173	377491	56.117	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	1308020	50.186	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	1337038	49.386	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	1253823	51.181	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	116127	55.041	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	1042535	50.407	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	939737	52.381	ug/L	100
69) Naphthalene	13.55	128	2124512	58.506	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	911839	52.274	ug/L	99

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

