

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010414.D
 Acq On : 22 Apr 2019 14:28
 Operator : SY/MD
 Sample : VSTD10081
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10081

Quant Time: Apr 22 14:51:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 22 14:00:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	531519	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	598254	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	353994	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	630842	93.47	ug/L	0.00
7) Chloroethane-d5	1.56	69	493531	87.05	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	1198325	73.59	ug/L	0.00
20) 2-Butanone-d5	3.93	46	395873	188.34	ug/L	0.00
24) Chloroform-d	4.40	84	1339201	95.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	799331	96.90	ug/L	0.00
29) Benzene-d6	5.10	84	2509838	81.96	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	747840	83.44	ug/L	0.00
37) Toluene-d8	7.36	98	2908122	98.78	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	422000	95.74	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	368475	184.65	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	887729	99.04	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	1344983	96.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	768542	95.325 ug/L	99
3) Chloromethane	1.25	50	672185	95.935 ug/L	97
5) Vinyl chloride	1.32	62	700280	95.674 ug/L	100
6) Bromomethane	1.51	94	266279	56.875 ug/L	99
8) Chloroethane	1.58	64	403451	86.484 ug/L	99
9) Trichlorofluoromethane	1.76	101	1225967	81.553 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	676370	85.413 ug/L	99
12) 1,1-Dichloroethene	2.13	96	596482	86.386 ug/L	96
13) Acetone	2.19	43	304449	137.249 ug/L	99
14) Carbon disulfide	2.31	76	1399772	82.185 ug/L	100
15) Methyl Acetate	2.46	43	282627	78.058 ug/L	98
16) Methylene chloride	2.53	84	586517	69.085 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	1623397	97.631 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	563869	86.086 ug/L	98
19) 1,1-Dichloroethane	3.23	63	1042751	93.196 ug/L	99
21) 2-Butanone	4.01	43	411306	171.049 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	666278	89.295 ug/L	97
23) Bromochloromethane	4.30	128	331037	88.643 ug/L	94
25) Chloroform	4.42	83	1218243	93.432 ug/L	99
27) 1,2-Dichloroethane	5.18	62	895544	96.130 ug/L	99
30) Cyclohexane	4.72	56	876704	79.959 ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	1121133	85.003 ug/L	98
32) Carbon tetrachloride	4.87	117	1057563	84.982 ug/L	100
34) Benzene	5.15	78	2383610	81.647 ug/L	100
35) Trichloroethene	5.96	95	696275	80.612 ug/L	99
36) Methylcyclohexane	6.18	83	1056867	84.031 ug/L	98
40) 1,2-Dichloropropane	6.22	63	618835	82.647 ug/L	100
41) Bromodichloromethane	6.55	83	957902	91.165 ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	1074924	95.184 ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	968864	165.616 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	3255798	98.925	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	1051161	99.835	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	582462	86.346	ug/L	99
47) Tetrachloroethene	8.02	164	662342	85.942	ug/L	97
49) 2-Hexanone	8.18	43	725491	177.174	ug/L #	89
50) Dibromochloromethane	8.29	129	873655	105.484	ug/L	97
51) 1,2-Dibromoethane	8.40	107	642346	96.020	ug/L	99
52) Chlorobenzene	8.93	112	2339569	102.164	ug/L	95
53) Ethylbenzene	9.05	91	3808151	101.846	ug/L	99
54) m,p-Xylene	9.18	106	1536929	106.185	ug/L	95
55) o-xylene	9.59	106	1506016	107.887	ug/L	95
56) Styrene	9.60	104	2585579	108.473	ug/L	92
57) Isopropylbenzene	9.97	105	3933860	105.759	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	830383	95.197	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	590238	93.447	ug/L	99
62) Bromoform	9.77	173	604262	110.419	ug/L	98
63) 1,3-Dichlorobenzene	11.23	146	2073167	96.029	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	2093435	94.049	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	1966359	94.336	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	137531	82.560	ug/L	84
67) 1,3,5-Trichlorobenzene	12.69	180	1700172	94.687	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1427307	99.466	ug/L	99
69) Naphthalene	13.55	128	2545024	96.038	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	1328883	95.301	ug/L	99

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

