

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010692.D
 Acq On : 07 May 2019 13:08
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: May 08 02:32:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:27:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	106771	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106901	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54397	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157346	94.86	ug/L	0.00
7) Chloroethane-d5	1.56	69	126026	92.33	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	330726	91.92	ug/L	0.00
20) 2-Butanone-d5	3.93	46	118608	231.96	ug/L	0.00
24) Chloroform-d	4.40	84	300704	103.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	189316	104.14	ug/L	0.00
29) Benzene-d6	5.10	84	585050	103.98	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	186162	103.83	ug/L	0.00
37) Toluene-d8	7.36	98	571841	106.13	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	94866	116.06	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	91518	243.93	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	195872	116.24	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	208083	98.77	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	140378	94.929 ug/L	99
3) Chloromethane	1.25	50	174278	96.882 ug/L	98
5) Vinyl chloride	1.32	62	195713	93.700 ug/L	99
6) Bromomethane	1.51	94	74886	73.928 ug/L	100
8) Chloroethane	1.58	64	115001	88.407 ug/L	98
9) Trichlorofluoromethane	1.76	101	283369	90.122 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	165816	92.371 ug/L	99
12) 1,1-Dichloroethene	2.13	96	156212	92.934 ug/L	94
13) Acetone	2.19	43	157903	204.919 ug/L	100
14) Carbon disulfide	2.31	76	413444	100.091 ug/L	98
15) Methyl Acetate	2.46	43	96643	104.986 ug/L	98
16) Methylene chloride	2.53	84	156609	94.863 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	445262	105.787 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	152498	100.367 ug/L	97
19) 1,1-Dichloroethane	3.23	63	296127	100.954 ug/L	99
21) 2-Butanone	4.01	43	175290	236.672 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	175960	101.378 ug/L	97
23) Bromochloromethane	4.30	128	81435	104.374 ug/L	96
25) Chloroform	4.42	83	313904	97.141 ug/L	98
27) 1,2-Dichloroethane	5.18	62	240742	101.924 ug/L	99
30) Cyclohexane	4.72	56	275759	102.852 ug/L	98
31) 1,1,1-Trichloroethane	4.66	97	269954	101.280 ug/L	99
32) Carbon tetrachloride	4.87	117	239991	103.366 ug/L	98
34) Benzene	5.14	78	653814	104.185 ug/L	100
35) Trichloroethene	5.96	95	179118	101.897 ug/L	99
36) Methylcyclohexane	6.18	83	297277	105.518 ug/L	96
40) 1,2-Dichloropropane	6.22	63	174194	104.345 ug/L	99
41) Bromodichloromethane	6.55	83	248079	108.150 ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	302939	114.729 ug/L	99
43) 4-Methyl-2-pentanone	7.27	43	320433	228.028 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	764749	107.298	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	259541	116.730	ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	144785	105.571	ug/L	98
47) Tetrachloroethene	8.02	164	126308	99.218	ug/L	91
49) 2-Hexanone	8.18	43	262638	245.827	ug/L	97
50) Dibromochloromethane	8.29	129	179859	114.045	ug/L	100
51) 1,2-Dibromoethane	8.40	107	145771	110.050	ug/L	100
52) Chlorobenzene	8.93	112	491070	105.461	ug/L	99
53) Ethylbenzene	9.06	91	891678	107.896	ug/L	99
54) m,p-Xylene	9.18	106	343178	111.148	ug/L	99
55) o-xylene	9.59	106	341523	111.519	ug/L	98
56) Styrene	9.60	104	604657	116.733	ug/L	98
57) Isopropylbenzene	9.97	105	896333	109.698	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	206592	114.979	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	155867	111.150	ug/L	98
62) Bromoform	9.77	173	108942	117.611	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	378082	99.849	ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	383052	99.035	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	370831	100.833	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	37133	108.811	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	269742	98.894	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	230119	109.037	ug/L	98
69) Naphthalene	13.55	128	575899	127.485	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	219657	110.956	ug/L	98

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

