

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010954.D
 Acq On : 20 May 2019 12:14
 Operator : SY/MD
 Sample : VSTD2.565
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.565

Manual Integrations
 APPROVED

MMDadoda
 5/25/2019 1:42:56 AM

Quant Time: May 20 14:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 20 13:51:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	140231	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134882	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61133	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4495	2.52	ug/L	0.00
7) Chloroethane-d5	1.56	69	3058	2.63	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.12	63	8843	2.62	ug/L	0.00
20) 2-Butanone-d5	3.95	46	2489m	4.43	ug/L	0.01
24) Chloroform-d	4.40	84	10098	2.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	5552	2.41	ug/L	0.00
29) Benzene-d6	5.09	84	20038	2.68	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	6812	2.86	ug/L	0.00
37) Toluene-d8	7.36	98	17097	2.38	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.67	79	2209	2.13	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	1957	4.34	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	6197	2.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	6861	2.69	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5746	3.693 ug/L	95
3) Chloromethane	1.25	50	4920	2.641 ug/L	100
5) Vinyl chloride	1.32	62	4954	2.470 ug/L #	76
6) Bromomethane	1.51	94	2135	4.585 ug/L	99
8) Chloroethane	1.58	64	2313	2.229 ug/L #	77
9) Trichlorofluoromethane	1.76	101	7995	2.784 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4495	2.595 ug/L	96
12) 1,1-Dichloroethene	2.13	96	3794	2.348 ug/L #	76
13) Acetone	2.19	43	3182	5.558 ug/L	99
14) Carbon disulfide	2.31	76	11415	2.345 ug/L #	93
15) Methyl Acetate	2.46	43	2658	2.229 ug/L	99
16) Methylene chloride	2.53	84	6923	3.059 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	11737	2.224 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	4915	2.553 ug/L	91
19) 1,1-Dichloroethane	3.22	63	8771	2.354 ug/L	96
21) 2-Butanone	4.04	43	3252m	4.400 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	5450	2.419 ug/L	93
23) Bromochloromethane	4.30	128	2338	2.228 ug/L	95
25) Chloroform	4.42	83	9732	2.407 ug/L	97
27) 1,2-Dichloroethane	5.18	62	6188	2.194 ug/L #	91
30) Cyclohexane	4.72	56	6949	2.680 ug/L	94
31) 1,1,1-Trichloroethane	4.65	97	7484	2.555 ug/L	95
32) Carbon tetrachloride	4.87	117	7065	2.826 ug/L	98
34) Benzene	5.14	78	18707	2.380 ug/L	100
35) Trichloroethene	5.96	95	5501	2.700 ug/L	99
36) Methylcyclohexane	6.17	83	7490m	2.642 ug/L	
40) 1,2-Dichloropropane	6.22	63	5084	2.374 ug/L #	89
41) Bromodichloromethane	6.55	83	6618	2.410 ug/L	88
42) cis-1,3-Dichloropropene	7.07	75	6425	2.057 ug/L	98
43) 4-Methyl-2-pentanone	7.28	43	6449	4.265 ug/L #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010954.D
 Acq On : 20 May 2019 12:14
 Operator : SY/MD
 Sample : VSTD2.565
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.565

Manual Integrations
 APPROVED

MMDadoda
 5/25/2019 1:42:56 AM

Quant Time: May 20 14:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 20 13:51:44 2019
 Response via : Initial Calibration

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

44) Toluene	7.43	91	19406	2.221	ug/L	97
45) trans-1,3-Dichloropropene	7.69	75	5386	2.040	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	3985	2.311	ug/L	95
47) Tetrachloroethene	8.02	164	4186	2.780	ug/L	97
49) 2-Hexanone	8.18	43	4276m	3.829	ug/L	
50) Dibromochloromethane	8.29	129	4449	2.319	ug/L	98
51) 1,2-Dibromoethane	8.40	107	3660	2.253	ug/L #	95
52) Chlorobenzene	8.92	112	14434	2.425	ug/L	99
53) Ethylbenzene	9.05	91	20804	2.173	ug/L	92
54) m,p-Xylene	9.18	106	8095	2.146	ug/L	95
55) o-xylene	9.59	106	7103	1.917	ug/L	92
56) Styrene	9.60	104	12018	1.891	ug/L	97
57) Isopropylbenzene	9.97	105	19828	2.137	ug/L	96
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	5016	2.202	ug/L #	83
59) 1,2,3-Trichloropropane	10.32	75	3997	2.422	ug/L #	77
62) Bromoform	9.77	173	2618	2.744	ug/L #	91
63) 1,3-Dichlorobenzene	11.23	146	10131	2.399	ug/L	94
64) 1,4-Dichlorobenzene	11.32	146	10547	2.410	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	9558	2.268	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	767m	2.430	ug/L	
67) 1,3,5-Trichlorobenzene	12.69	180	7081	2.300	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	4956	1.994	ug/L	99
69) Naphthalene	13.55	128	7502	1.441	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	4938	2.087	ug/L	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
Data File : VV010954.D
Acq On : 20 May 2019 12:14
Operator : SY/MD
Sample : VSTD2.565
Misc : 5.00G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.565

Manual Integrations
APPROVED

MMDadoda
5/25/2019 1:42:56 AM

Quant Time: May 20 14:04:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Mon May 20 13:51:44 2019
Response via : Initial Calibration

