

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121118\
 Data File : VV008897.D
 Acq On : 11 Dec 2018 13:54
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/10.0 mL/MSVOA V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

sam
 12/12/2018 11:26:56 AM

Quant Time: Dec 12 04:50:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 12 04:31:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	222665	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191575	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81134	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58613	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.76%
7) Chloroethane-d5	1.58	69	57253	33.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.52%
10) 1,1-Dichloroethene-d2	2.13	63	119389	20.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.88%
20) 2-Butanone-d5	3.94	46	48916	58.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.62%
24) Chloroform-d	4.40	84	131229	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	5.08	65	77242	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.76%
29) Benzene-d6	5.10	84	273458	25.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.24%
33) 1,2-Dichloropropane-d6	6.12	67	78653	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.04%
37) Toluene-d8	7.36	98	246259	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	7.67	79	34010	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.36%
39) 2-Hexanone-d5	8.14	63	28964	52.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61746	24.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	74556	24.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	5742	1.573 ug/L	95
3) Chloromethane	1.25	50	3594	1.433 ug/L	99
5) Vinyl chloride	1.32	62	3908	1.396 ug/L #	58
6) Bromomethane	1.53	94	2560	1.902 ug/L	87
8) Chloroethane	1.60	64	2998	1.912 ug/L	92
9) Trichlorofluoromethane	1.77	101	8001	1.668 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6187	1.881 ug/L #	83
12) 1,1-Dichloroethene	2.14	96	5151	1.795 ug/L #	1
13) Acetone	2.20	43	4443	3.595 ug/L	89
14) Carbon disulfide	2.32	76	12177	1.321 ug/L	95
15) Methyl Acetate	2.46	43	2328	1.485 ug/L #	71
16) Methylene chloride	2.54	84	10726	2.861 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	8970	1.376 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	4319	1.393 ug/L	93
19) 1,1-Dichloroethane	3.23	63	6394	1.272 ug/L	95
21) 2-Butanone	4.03	43	2864m	2.472 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	4378m	1.354 ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121118\
 Data File : VV008897.D
 Acq On : 11 Dec 2018 13:54
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/10.0 mL/MSVOA V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

sam
 12/12/2018 11:26:56 AM

Quant Time: Dec 12 04:50:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 12 04:31:38 2018
 Response via : Initial Calibration

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

23) Bromochloromethane	4.30	128	2048m	1.344	ug/L	
25) Chloroform	4.42	83	9205m	1.706	ug/L	
27) 1,2-Dichloroethane	5.18	62	5194	1.413	ug/L	99
30) Cyclohexane	4.73	56	6396m	1.326	ug/L	
31) 1,1,1-Trichloroethane	4.66	97	6688	1.354	ug/L	97
32) Carbon tetrachloride	4.88	117	6027	1.337	ug/L	99
34) Benzene	5.15	78	15362	1.338	ug/L	100
35) Trichloroethene	5.96	95	5137	1.485	ug/L	97
36) Methylcyclohexane	6.18	83	7663	1.389	ug/L #	93
40) 1,2-Dichloropropane	6.23	63	3960	1.438	ug/L #	91
41) Bromodichloromethane	6.56	83	4793	1.320	ug/L	96
42) cis-1,3-Dichloropropene	7.07	75	5858	1.453	ug/L	94
43) 4-Methyl-2-pentanone	7.28	43	5628	3.023	ug/L	94
44) Toluene	7.43	91	17804	1.479	ug/L	99
45) trans-1,3-Dichloropropene	7.69	75	4654	1.324	ug/L	90
46) 1,1,2-Trichloroethane	7.88	97	3017	1.314	ug/L	90
47) Tetrachloroethene	8.02	164	3685	1.309	ug/L	96
49) 2-Hexanone	8.19	43	5803	3.767	ug/L #	51
50) Dibromochloromethane	8.29	129	3368	1.280	ug/L	91
51) 1,2-Dibromoethane	8.40	107	3164	1.373	ug/L #	96
52) Chlorobenzene	8.93	112	10956	1.398	ug/L	96
53) Ethylbenzene	9.06	91	16773	1.284	ug/L	96
54) m,p-Xylene	9.18	106	6282	1.271	ug/L	98
55) o-xylene	9.59	106	5613	1.222	ug/L	92
56) Styrene	9.61	104	8780	1.185	ug/L	95
57) Isopropylbenzene	9.98	105	15473	1.239	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	3639	1.467	ug/L #	75
59) 1,2,3-Trichloropropane	10.32	75	3423	1.594	ug/L	98
62) Bromoform	9.78	173	1981	1.352	ug/L #	96
63) 1,3-Dichlorobenzene	11.23	146	6949	1.329	ug/L	93
64) 1,4-Dichlorobenzene	11.32	146	7354	1.367	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	6965	1.445	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	554m	1.403	ug/L	
67) 1,3,5-Trichlorobenzene	12.70	180	4265	1.129	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	2608	0.986	ug/L	98
69) Naphthalene	13.56	128	4019	0.882	ug/L #	79
70) 1,2,3-Trichlorobenzene	13.80	180	2221	0.909	ug/L	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121118\
Data File : VV008897.D
Acq On : 11 Dec 2018 13:54
Operator : SY/MD
Sample : MDL05
Misc : 5.00µ/10.0 mL/MSVOA V/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations
APPROVED

sam
12/12/2018 11:26:56 AM

Quant Time: Dec 12 04:50:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 04:31:38 2018
Response via : Initial Calibration

