

Data File : VV013469.D
Acq On : 01 Nov 2019 15:24
Operator : SY/MD
Sample : MDL03
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations
APPROVED

MMDadoda
11/4/2019 12:38:36 PM

Quant Time: Nov 02 03:35:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 04:24:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	763343	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	734536	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	380340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	269615	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.36%
7) Chloroethane-d5	1.58	69	193984	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
10) 1,1-Dichloroethene-d2	2.13	63	352850	18.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.52%
20) 2-Butanone-d5	3.93	46	225541	44.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.46%
24) Chloroform-d	4.40	84	506419	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	5.08	65	303500	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
29) Benzene-d6	5.09	84	1071139	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
33) 1,2-Dichloropropane-d6	6.11	67	330616	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.52%
37) Toluene-d8	7.36	98	941039	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.40%
38) trans-1,3-Dichloropropene-	7.66	79	134498	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.08%
39) 2-Hexanone-d5	8.13	63	125051	44.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	281742	23.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	368931	24.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13218	1.110 ug/L	95
3) Chloromethane	1.25	50	12091	0.996 ug/L	94
5) Vinyl chloride	1.32	62	12862m	1.083 ug/L	
6) Bromomethane	1.53	94	5456	0.977 ug/L	98
8) Chloroethane	1.60	64	5648	0.856 ug/L	93
9) Trichlorofluoromethane	1.77	101	15222	0.936 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12500	1.288 ug/L	87
12) 1,1-Dichloroethene	2.14	96	11456m	1.248 ug/L	
13) Acetone	2.19	43	17591	2.985 ug/L	96
14) Carbon disulfide	2.32	76	32326	0.908 ug/L	99
15) Methyl Acetate	2.46	43	6941m	0.782 ug/L	
16) Methylene chloride	2.53	84	33244	2.340 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	26797	0.890 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	11149	0.911 ug/L	92
19) 1,1-Dichloroethane	3.23	63	20698	0.928 ug/L	98
21) 2-Butanone	4.04	43	13937m	2.293 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	12235	0.951 ug/L	78

Data File : VV013469.D
Acq On : 01 Nov 2019 15:24
Operator : SY/MD
Sample : MDL03
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations
APPROVED

MMDadoda
11/4/2019 12:38:36 PM

Quant Time: Nov 02 03:35:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 04:24:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	5869m	0.951	ug/L	
25) Chloroform	4.42	83	39586	1.733	ug/L	87
27) 1,2-Dichloroethane	5.18	62	14559	0.918	ug/L #	91
30) Cyclohexane	4.72	56	16877	0.851	ug/L	94
31) 1,1,1-Trichloroethane	4.66	97	17377	0.932	ug/L #	52
32) Carbon tetrachloride	4.87	117	15014	0.904	ug/L	95
34) Benzene	5.14	78	46174	0.958	ug/L	100
35) Trichloroethene	5.96	95	13205	1.015	ug/L	98
36) Methylcyclohexane	6.18	83	15297	0.751	ug/L #	71
40) 1,2-Dichloropropane	6.22	63	10768	0.887	ug/L #	88
41) Bromodichloromethane	6.55	83	13334	0.854	ug/L	96
42) cis-1,3-Dichloropropene	7.07	75	16213	0.901	ug/L	97
43) 4-Methyl-2-pentanone	7.28	43	21299	1.902	ug/L	97
44) Toluene	7.43	91	48571	0.987	ug/L	95
45) trans-1,3-Dichloropropene	7.70	75	12294	0.797	ug/L	89
46) 1,1,2-Trichloroethane	7.88	97	9426	0.969	ug/L	98
47) Tetrachloroethene	8.02	164	10445	0.947	ug/L	91
49) 2-Hexanone	8.19	43	26694	3.274	ug/L #	88
50) Dibromochloromethane	8.29	129	10822	0.931	ug/L	99
51) 1,2-Dibromoethane	8.39	107	9296	0.925	ug/L #	92
52) Chlorobenzene	8.92	112	32018	0.961	ug/L	99
53) Ethylbenzene	9.05	91	46425	0.856	ug/L	97
54) m,p-Xylene	9.18	106	18273	0.895	ug/L	94
55) o-xylene	9.59	106	15161	0.786	ug/L	97
56) Styrene	9.60	104	24602	0.735	ug/L	94
57) Isopropylbenzene	9.97	105	40239	0.773	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.28	83	12591	1.009	ug/L #	93
59) 1,2,3-Trichloropropane	10.32	75	10097	0.966	ug/L	94
62) Bromoform	9.77	173	7123	0.945	ug/L #	93
63) 1,3-Dichlorobenzene	11.22	146	25692	0.978	ug/L	98
64) 1,4-Dichlorobenzene	11.31	146	26888	1.001	ug/L	92
65) 1,2-Dichlorobenzene	11.68	146	25352	1.039	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	2079	0.926	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	19968m	0.962	ug/L	
68) 1,2,4-trichlorobenzene	13.31	180	17577	0.993	ug/L	99
69) Naphthalene	13.55	128	27573	0.805	ug/L	95
70) 1,2,3-Trichlorobenzene	13.79	180	15482	0.935	ug/L	95

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

Data File : VV013469.D
Acq On : 01 Nov 2019 15:24
Operator : SY/MD
Sample : MDL03
Misc : 5.00G/10.0ML/MSVOA_V/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations
APPROVED

MMDadoda
11/4/2019 12:38:36 PM

Quant Time: Nov 02 03:35:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 02 04:24:53 2019
Response via : Initial Calibration

