Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\
Data File : VV009631.D
Acq On : 13 Mar 2019 09:55
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 14 07:21:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 14:55:46 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD2.578

Manual Integrations APPROVED
MMDadoda
3/15/2019 7:53:44 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157769	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	147916	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66065	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	5023	2.42	ug/L		0.00
7) Chloroethane-d5	1.57	69	4949	1.70	ug/L		0.00
10) 1,1-Dichloroethene-d2	2.13	63	14457	2.62	ug/L		0.00
20) 2-Butanone-d5	3.95	46	1863m	3.47	ug/L		0.02
24) Chloroform-d	4.40	84	9642	2.35	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	5309	2.28	ug/L		0.00
29) Benzene-d6	5.09	84	19101	2.40	ug/L		0.00
33) 1,2-Dichloropropane-d6	6.12	67	5090	2.14	ug/L		0.00
37) Toluene-d8	7.36	98	17323	2.23	ug/L		0.00
38) trans-1,3-Dichloropropene-	7.67	79	2211	2.06	ug/L		0.00
39) 2-Hexanone-d5	8.14	63	1707	3.91	ug/L		0.01
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4319	1.94	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	6613	2.55	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	6880	2.852	ug/L		98
3) Chloromethane	1.25	50	6137	2.804	ug/L		93
5) Vinyl chloride	1.32	62	6139	2.617	ug/L		92
6) Bromomethane	1.52	94	6944	2.482	ug/L		99
8) Chloroethane	1.59	64	4470	1.912	ug/L		100
9) Trichlorofluoromethane	1.76	101	13302	2.696	ug/L		100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	7224	2.706	ug/L		97
12) 1,1-Dichloroethene	2.14	96	6223	2.631	ug/L		89
13) Acetone	2.19	43	2705	4.279	ug/L		97
14) Carbon disulfide	2.31	76	16431	2.786	ug/L	#	92
15) Methyl Acetate	2.46	43	2313	2.445	ug/L	#	82
16) Methylene chloride	2.53	84	7216	3.210	ug/L		90
17) Methyl tert-butyl Ether	2.81	73	11336	2.292	ug/L	#	85
18) trans-1,2-Dichloroethene	2.79	96	5415	2.648	ug/L		98
19) 1,1-Dichloroethane	3.23	63	9237	2.584	ug/L		99
21) 2-Butanone	4.04	43	3068m	3.919	ug/L		
22) cis-1,2-Dichloroethene	3.96	96	5765	2.487	ug/L		95
23) Bromochloromethane	4.29	128	2688	2.495	ug/L		77
25) Chloroform	4.43	83	10245m	2.499	ug/L		
27) 1,2-Dichloroethane	5.18	62	6938	2.433	ug/L	#	92
30) Cyclohexane	4.73	56	9089m	2.732	ug/L		
31) 1,1,1-Trichloroethane	4.65	97	9018	2.597	ug/L	#	85
32) Carbon tetrachloride	4.87	117	6901	2.316	ug/L		94
34) Benzene	5.14	78	22250	2.685	ug/L		100
35) Trichloroethene	5.96	95	6219	2.684	ug/L		98
36) Methylcyclohexane	6.17	83	10442	2.683	ug/L		98
40) 1,2-Dichloropropane	6.22	63	5228	2.544	ug/L	#	90
41) Bromodichloromethane	6.56	83	6606	2.355	ug/L		96
42) cis-1,3-Dichloropropene	7.07	75	7175	2.322	ug/L		98
43) 4-Methyl-2-pentanone	7.28	43	6481	4.516	ug/L	#	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\
Data File : VV009631.D
Acq On : 13 Mar 2019 09:55
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.578

Manual Integrations APPROVED
MMDadoda
3/15/2019 7:53:44 AM

Quant Time: Mar 14 07:21:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 14:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	7.43	91	23434	2.499	ug/L		96
45) trans-1,3-Dichloropropene	7.70	75	5766	2.134	ug/L		98
46) 1,1,2-Trichloroethane	7.88	97	4299	2.511	ug/L		83
47) Tetrachloroethene	8.02	164	4920	2.625	ug/L		95
49) 2-Hexanone	8.19	43	3843	3.572	ug/L	#	95
50) Dibromochloromethane	8.29	129	3879	1.999	ug/L		94
51) 1,2-Dibromoethane	8.40	107	3664	2.136	ug/L	#	98
52) Chlorobenzene	8.93	112	15762	2.593	ug/L		99
53) Ethylbenzene	9.06	91	25334	2.434	ug/L		99
54) m,p-Xylene	9.18	106	8839	2.241	ug/L		91
55) o-xylene	9.59	106	8966	2.318	ug/L		99
56) Styrene	9.60	104	13873	2.252	ug/L		98
57) Isopropylbenzene	9.98	105	23742	2.321	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	4936	2.171	ug/L	#	95
59) 1,2,3-Trichloropropane	10.32	75	3547	2.147	ug/L		98
62) Bromoform	9.77	173	2039	2.011	ug/L	#	97
63) 1,3-Dichlorobenzene	11.23	146	10949	2.532	ug/L		96
64) 1,4-Dichlorobenzene	11.32	146	11750	2.702	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	9948	2.469	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.48	75	584m	1.946	ug/L		
67) 1,3,5-Trichlorobenzene	12.69	180	7643m	2.544	ug/L		
68) 1,2,4-trichlorobenzene	13.31	180	4314	2.003	ug/L		97
69) Naphthalene	13.55	128	4262	1.176	ug/L	#	94
70) 1,2,3-Trichlorobenzene	13.80	180	3749	1.918	ug/L		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\
Data File : VV009631.D
Acq On : 13 Mar 2019 09:55
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 14 07:21:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 14:55:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.578

Manual Integrations APPROVED
MMDadoda
3/15/2019 7:53:44 AM