Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (QT Reviewed)

Data File : VV009891.D
Acq On : 26 Mar 2019 12:50
Operator : SY/MD
Sample : VSTD02562
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02562

Quant Time: Mar 26 14:05:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 10:44:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173302	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	175406	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84929	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	89706	41.14	ug/L		0.00
7) Chloroethane-d5	1.57	69	91806	32.38	ug/L		0.00
10) 1,1-Dichloroethene-d2	2.13	63	246073	42.68	ug/L		0.00
20) 2-Butanone-d5	3.93	46	38061	57.94	ug/L		-0.01
24) Chloroform-d	4.40	84	120630	28.70	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	71003	30.53	ug/L		0.00
29) Benzene-d6	5.10	84	239496	25.68	ug/L		0.00
33) 1,2-Dichloropropane-d6	6.12	67	71893	26.31	ug/L		0.00
37) Toluene-d8	7.36	98	229513	25.66	ug/L		0.00
38) trans-1,3-Dichloropropene-	7.66	79	29732	21.77	ug/L		0.00
39) 2-Hexanone-d5	8.13	63	28153	48.68	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73036	27.37	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	80990	25.75	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	66077	30.121	ug/L		97
3) Chloromethane	1.25	50	72105	30.967	ug/L		97
5) Vinyl chloride	1.32	62	106003	40.975	ug/L		98
6) Bromomethane	1.51	94	102383	36.798	ug/L		99
8) Chloroethane	1.59	64	79411	35.999	ug/L		99
9) Trichlorofluoromethane	1.76	101	222565	42.666	ug/L		99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	129625	44.785	ug/L		91
12) 1,1-Dichloroethene	2.14	96	108740	43.693	ug/L		83
13) Acetone	2.18	43	56083	74.679	ug/L		92
14) Carbon disulfide	2.32	76	145349	22.478	ug/L		100
15) Methyl Acetate	2.46	43	32147	32.396	ug/L		98
16) Methylene chloride	2.53	84	65347	27.839	ug/L		94
17) Methyl tert-butyl Ether	2.80	73	146143	26.986	ug/L		96
18) trans-1,2-Dichloroethene	2.79	96	58262	26.935	ug/L		98
19) 1,1-Dichloroethane	3.23	63	106353	27.676	ug/L		97
21) 2-Butanone	4.01	43	50706	54.181	ug/L		90
22) cis-1,2-Dichloroethene	3.96	96	66475	27.334	ug/L		94
23) Bromochloromethane	4.30	128	31396	28.767	ug/L		93
25) Chloroform	4.42	83	118813	28.411	ug/L		99
27) 1,2-Dichloroethane	5.18	62	87733	30.329	ug/L		98
30) Cyclohexane	4.73	56	90927	21.884	ug/L		96
31) 1,1,1-Trichloroethane	4.66	97	90619	21.753	ug/L		97
32) Carbon tetrachloride	4.87	117	79177	22.285	ug/L		98
34) Benzene	5.15	78	250929	25.658	ug/L		100
35) Trichloroethene	5.96	95	63603	23.495	ug/L		96
36) Methylcyclohexane	6.18	83	105519	22.324	ug/L		98
40) 1,2-Dichloropropane	6.22	63	61977	25.509	ug/L	#	97
41) Bromodichloromethane	6.55	83	80054	23.170	ug/L		98
42) cis-1,3-Dichloropropene	7.07	75	93178	24.137	ug/L		99
43) 4-Methyl-2-pentanone	7.27	43	98891	56.931	ug/L		96

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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 10:44:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	7.43	91	270896	24.766	ug/L		97
45) trans-1,3-Dichloropropene	7.69	75	79608	22.746	ug/L		96
46) 1,1,2-Trichloroethane	7.88	97	53611	26.714	ug/L		95
47) Tetrachloroethene	8.02	164	50647	25.258	ug/L		96
49) 2-Hexanone	8.18	43	70934	48.908	ug/L		93
50) Dibromochloromethane	8.29	129	54848	21.850	ug/L		93
51) 1,2-Dibromoethane	8.40	107	52531	26.001	ug/L	#	94
52) Chlorobenzene	8.93	112	179353	25.315	ug/L		98
53) Ethylbenzene	9.05	91	304475	24.338	ug/L		98
54) m,p-Xylene	9.18	106	118262	24.267	ug/L		92
55) o-xylene	9.59	106	114546	24.791	ug/L		99
56) Styrene	9.60	104	196051	25.297	ug/L		93
57) Isopropylbenzene	9.97	105	298114	23.616	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	73857	27.064	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	51491	26.492	ug/L		100
62) Bromoform	9.77	173	28928	18.974	ug/L		98
63) 1,3-Dichlorobenzene	11.23	146	133672	24.519	ug/L		99
64) 1,4-Dichlorobenzene	11.32	146	139167	25.575	ug/L		95
65) 1,2-Dichlorobenzene	11.69	146	129696	25.320	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8547	16.900	ug/L		90
67) 1,3,5-Trichlorobenzene	12.69	180	92535	24.039	ug/L		97
68) 1,2,4-trichlorobenzene	13.31	180	73027	24.437	ug/L		98
69) Naphthalene	13.55	128	125028	20.663	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	68403	24.693	ug/L		96

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

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