Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081618\
Data File : VW004699.D
Acq On : 15 Aug 2018 15:49
Operator : SY/AP
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02597

Quant Time: Aug 16 02:40:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	991832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	940514	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	487803	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	306620	19.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.80%			
7) Chloroethane-d5	2.89	69	245266	20.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.48%			
10) 1,1-Dichloroethene-d2	4.01	63	601400	20.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.44%			
20) 2-Butanone-d5	7.09	46	208127	48.79	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.58%			
24) Chloroform-d	7.65	84	561643	21.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.52%			
26) 1,2-Dichloroethane-d4	8.31	65	303371	21.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.16%			
29) Benzene-d6	8.28	84	1125398	21.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.36%			
33) 1,2-Dichloropropane-d6	9.28	67	350050	21.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.48%			
37) Toluene-d8	10.33	98	1007524	21.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.16%			
38) trans-1,3-Dichloropropene-	10.58	79	141390	21.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.04%			
39) 2-Hexanone-d5	10.93	63	168639	51.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.02%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	355922	23.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.64%			
61) 1,2-Dichlorobenzene-d4	13.86	152	383854	20.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	293331	24.72	ug/L	98
3) Chloromethane	2.22	50	316895	22.51	ug/L	99
5) Vinyl chloride	2.37	62	480970	23.54	ug/L	98
6) Bromomethane	2.78	94	272188	23.25	ug/L	98
8) Chloroethane	2.93	64	263857	23.03	ug/L	95
9) Trichlorofluoromethane	3.26	101	228114	22.16	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	363212	24.01	ug/L	99
12) 1,1-Dichloroethene	4.03	96	347309	23.39	ug/L	99
13) Acetone	4.14	43	208894	53.37	ug/L	99
14) Carbon disulfide	4.38	76	1190369	22.99	ug/L	98
15) Methyl Acetate	4.67	43	223044	26.37	ug/L	100
16) Methylene chloride	4.92	84	406720	20.53	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	480222	24.76	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	361091	23.68	ug/L	97
19) 1,1-Dichloroethane	6.21	63	651140	24.13	ug/L	99
21) 2-Butanone	7.18	43	297922	54.42	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	388225	24.13	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	181845	24.23 ug/L	98
25) Chloroform	7.68	83	652358	24.30 ug/L	100
27) 1,2-Dichloroethane	8.40	62	424730	24.47 ug/L	100
30) Cyclohexane	7.96	56	632885	25.75 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	514855	24.47 ug/L	100
32) Carbon tetrachloride	8.07	117	487466	24.35 ug/L	99
34) Benzene	8.32	78	1496869	25.00 ug/L	100
35) Trichloroethene	9.09	95	370451	24.59 ug/L	99
36) Methylcyclohexane	9.34	83	715519	25.45 ug/L	99
40) 1,2-Dichloropropane	9.37	63	384247	25.29 ug/L	99
41) Bromodichloromethane	9.65	83	442453	24.93 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	523014	24.74 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	568014	56.47 ug/L	100
44) Toluene	10.39	91	1531735	25.27 ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	473495	25.40 ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	291605	25.40 ug/L	99
47) Tetrachloroethene	10.87	164	304880	24.39 ug/L	99
49) 2-Hexanone	10.98	43	428638	58.51 ug/L	99
50) Dibromochloromethane	11.13	129	324320	25.11 ug/L	98
51) 1,2-Dibromoethane	11.24	107	279859	25.28 ug/L	97
52) Chlorobenzene	11.66	112	990003	24.46 ug/L	99
53) Ethylbenzene	11.74	91	1715461	25.40 ug/L	99
54) m,p-Xylene	11.85	106	652912	25.44 ug/L	99
55) o-xylene	12.17	106	623466	25.71 ug/L	100
56) Styrene	12.19	104	1103598	26.53 ug/L	100
57) Isopropylbenzene	12.47	105	1718028	26.15 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	410262	25.91 ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	305395	26.20 ug/L	99
62) Bromoform	12.35	173	210447	25.10 ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	766908	24.51 ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	806993	24.15 ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	752584	24.39 ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	68977	26.52 ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	619756	24.62 ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	501679	24.60 ug/L	99
69) Naphthalene	15.38	128	1119206	26.67 ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	495358	25.45 ug/L	99

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

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