Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071818\
Data File : VW004034.D
Acq On : 18 Jul 2018 20:52
Operator : VA/AP
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV88

Manual Integrations APPROVED
MMDadoda
7/19/2018 6:07:45 PM

Quant Time: Jul 19 07:59:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 19 07:52:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	309016	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281893	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	143171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	67168	21.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.88%			
7) Chloroethane-d5	2.89	69	49859	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.52%			
10) 1,1-Dichloroethene-d2	4.01	63	165373	22.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.20%			
20) 2-Butanone-d5	7.08	46	97333	54.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.60%			
24) Chloroform-d	7.65	84	173426	23.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	8.31	65	102528	23.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.84%			
29) Benzene-d6	8.27	84	309820	23.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.80%			
33) 1,2-Dichloropropane-d6	9.28	67	103028	23.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.48%			
37) Toluene-d8	10.33	98	284631	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.88%			
38) trans-1,3-Dichloropropene-	10.58	79	46091	24.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.20%			
39) 2-Hexanone-d5	10.93	63	70366	59.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.88%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	124573	26.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.28%			
61) 1,2-Dichlorobenzene-d4	13.87	152	111032	24.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	33193m	16.78	ug/L	
3) Chloromethane	2.21	50	66280	20.95	ug/L	98
5) Vinyl chloride	2.35	62	103597	21.75	ug/L	99
6) Bromomethane	2.78	94	56172	22.22	ug/L	97
8) Chloroethane	2.92	64	54962	22.01	ug/L	98
9) Trichlorofluoromethane	3.25	101	56036	23.61	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	101283	24.00	ug/L	98
12) 1,1-Dichloroethene	4.03	96	96949	23.57	ug/L	92
13) Acetone	4.12	43	87180	44.74	ug/L	100
14) Carbon disulfide	4.37	76	312011	23.45	ug/L	100
15) Methyl Acetate	4.67	43	84966	25.56	ug/L	100
16) Methylene chloride	4.91	84	111666	18.84	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	189868	23.87	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	102408	24.18	ug/L	97
19) 1,1-Dichloroethane	6.22	63	193743	24.05	ug/L	98
21) 2-Butanone	7.18	43	121047	50.06	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	111055	24.53	ug/L	96

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	50477	23.72	ug/L	98
25) Chloroform	7.68	83	197697	24.03	ug/L	100
27) 1,2-Dichloroethane	8.40	62	145084	23.93	ug/L	97
30) Cyclohexane	7.95	56	180531	26.26	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	161251	25.15	ug/L	99
32) Carbon tetrachloride	8.07	117	153188	24.77	ug/L	97
34) Benzene	8.32	78	437497	25.32	ug/L	100
35) Trichloroethene	9.09	95	112770	24.39	ug/L	98
36) Methylcyclohexane	9.34	83	205424	26.88	ug/L	100
40) 1,2-Dichloropropane	9.37	63	116090	24.78	ug/L	99
41) Bromodichloromethane	9.65	83	140454	24.35	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	164588	24.94	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	229096	55.63	ug/L	98
44) Toluene	10.39	91	471251	26.03	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	153787	25.26	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	89825	24.67	ug/L	98
47) Tetrachloroethene	10.87	164	92969	24.93	ug/L	96
49) 2-Hexanone	10.98	43	175415	55.02	ug/L	99
50) Dibromochloromethane	11.13	129	101295	24.84	ug/L	97
51) 1,2-Dibromoethane	11.24	107	88944	25.01	ug/L	95
52) Chlorobenzene	11.66	112	284484	24.50	ug/L	97
53) Ethylbenzene	11.74	91	515241	26.29	ug/L	99
54) m,p-Xylene	11.85	106	189869	26.28	ug/L	98
55) o-xylene	12.17	106	184186	26.66	ug/L	97
56) Styrene	12.19	104	322830	27.05	ug/L	98
57) Isopropylbenzene	12.47	105	517404	27.31	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	130397	25.06	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	102358	25.41	ug/L	99
62) Bromoform	12.35	173	66531	24.62	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	219634	24.91	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	230742	24.40	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	215493	25.08	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	25445	25.40	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	174621	25.04	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	140406	25.11	ug/L	98
69) Naphthalene	15.38	128	343962	27.32	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	136372	25.63	ug/L	100

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

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