Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
Data File : VW005355.D
Acq On : 13 Sep 2018 16:39
Operator : SY/AP
Sample : VSTD05084
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD05084

Quant Time: Sep 13 17:04:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 13 16:38:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	300036	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	286575	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	151467	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	137987	29.36	ug/L	0.00
7) Chloroethane-d5	2.88	69	104482	30.01	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	272964	42.01	ug/L	0.00
20) 2-Butanone-d5	7.09	46	107276	85.28	ug/L	0.00
24) Chloroform-d	7.66	84	253163	38.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.32	65	158625	43.32	ug/L	0.00
29) Benzene-d6	8.29	84	548085	38.05	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	157816	37.52	ug/L	0.00
37) Toluene-d8	10.33	98	562409	39.01	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	80151	43.26	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	99620	95.96	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	164623	39.70	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	215260	36.95	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	315733	72.09	ug/L	99
3) Chloromethane	2.22	50	277321	57.49	ug/L	99
5) Vinyl chloride	2.36	62	264596	54.38	ug/L	100
6) Bromomethane	2.76	94	140142	51.80	ug/L	100
8) Chloroethane	2.92	64	140622	45.75	ug/L	97
9) Trichlorofluoromethane	3.26	101	335329	63.93	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	187432	52.39	ug/L	98
12) 1,1-Dichloroethene	4.04	96	160577	52.81	ug/L	92
13) Acetone	4.13	43	90624	99.58	ug/L	99
14) Carbon disulfide	4.38	76	620557	57.72	ug/L	99
15) Methyl Acetate	4.68	43	117340	56.69	ug/L	99
16) Methylene chloride	4.93	84	210620	40.74	ug/L	98
17) Methyl tert-butyl Ether	5.44	73	473012	62.44	ug/L	100
18) trans-1,2-Dichloroethene	5.44	96	176675	51.56	ug/L	97
19) 1,1-Dichloroethane	6.23	63	321490	55.60	ug/L	97
21) 2-Butanone	7.18	43	154875	117.51	ug/L	97
22) cis-1,2-Dichloroethene	7.18	96	189228	52.18	ug/L	95
23) Bromochloromethane	7.52	128	84785	48.30	ug/L	97
25) Chloroform	7.68	83	336887	55.46	ug/L	100
27) 1,2-Dichloroethane	8.41	62	262570	65.59	ug/L	97
30) Cyclohexane	7.96	56	372040	72.72	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	341644	67.49	ug/L	99
32) Carbon tetrachloride	8.08	117	320090	69.82	ug/L	99
34) Benzene	8.34	78	835476	58.55	ug/L	100
35) Trichloroethene	9.10	95	219433	60.27	ug/L	98
36) Methylcyclohexane	9.34	83	406416	66.17	ug/L	98
40) 1,2-Dichloropropane	9.38	63	204714	58.64	ug/L	99
41) Bromodichloromethane	9.65	83	261880	62.33	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	315643	61.66	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	384707	148.29	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	967038	59.48	ug/L	98
45) trans-1,3-Dichloropropene	10.62	75	292820	64.81	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	156860	53.77	ug/L	99
47) Tetrachloroethene	10.87	164	195966	57.00	ug/L	99
49) 2-Hexanone	10.98	43	288334	153.51	ug/L	100
50) Dibromochloromethane	11.13	129	193881	59.70	ug/L	98
51) 1,2-Dibromoethane	11.24	107	154850	56.09	ug/L	98
52) Chlorobenzene	11.66	112	604155	54.23	ug/L	96
53) Ethylbenzene	11.74	91	1114727	60.88	ug/L	98
54) m,p-Xylene	11.85	106	417526	57.54	ug/L	99
55) o-xylene	12.17	106	396522	58.82	ug/L	98
56) Styrene	12.19	104	690864	59.45	ug/L	98
57) Isopropylbenzene	12.48	105	1118653	62.53	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	213548	55.12	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	178117	58.82	ug/L	100
62) Bromoform	12.35	173	132620	60.90	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	493067	55.54	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	504665	53.60	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	465717	53.80	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	47418	67.62	ug/L	90
67) 1,3,5-Trichlorobenzene	14.64	180	394857	54.78	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	335032	57.57	ug/L	100
69) Naphthalene	15.38	128	755816	64.44	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	317826	58.07	ug/L	98

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

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