Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (QT Reviewed)

Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 18 01:33:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	259948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1178998	20.00	ng/ul	0.05
35) Acenaphthene-d10	14.33	164	718888m	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.13	188	1420673m	20.00	ng/ul	0.07
75) Chrysene-d12	21.27	240	1052448m	20.00	ng/ul	0.02
83) Perylene-d12	23.49	264	882032m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2213	0.42	ng/uL	0.00
5) Phenol-d5	6.85	99	73724	3.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	49409	3.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	61321	3.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	62305	3.24	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	39813	4.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	34658	3.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	64618	3.13	ng/ul	0.02
29) 4-Chloroaniline-d4	10.60	131	163812m	8.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	217413	3.40	ng/ul	0.01
46) Acenaphthylene-d8	14.02	160	265502m	3.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	69453m	6.25	ng/ul	0.01
57) Fluorene-d10	15.33	176	188515m	3.43	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.23	188	263420	3.70	ng/ul	0.06
76) Pyrene-d10	19.49	212	280796m	5.36	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.34	264	175883m	3.91	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.12	108	103546	6.02	ng/ul	98
16) 4-Methylphenol	8.45	108	161599	8.79	ng/ul	95
24) 2,4-Dimethylphenol	9.65	107	686133m	30.32	ng/ul	
28) Naphthalene	10.51	128	56298487m	928.13	ng/ul	
34) 2-Methylnaphthalene	12.14	142	21782932m	477.71	ng/ul	
40) 1,1'-Biphenyl	13.16	154	9107373	149.90	ng/ul	99
47) Acenaphthylene	14.05	152	2033564	27.84	ng/ul#	94
49) Acenaphthene	14.40	153	29980667m	602.43	ng/ul	
53) Dibenzofuran	14.73	168	25747077m	350.45	ng/ul	
55) 2,3,4,6-Tetrachlorophenol	14.97	232	247115	15.69	ng/ul#	76
58) Fluorene	15.39	166	28233764m	464.54	ng/ul	
68) Pentachlorophenol	16.80	266	11808012	1108.52	ng/ul	97
69) Phenanthrene	17.13	178	56648939m	701.87	ng/ul	
71) Anthracene	17.25	178	16442584m	199.30	ng/ul	
72) Carbazole	17.50	167	12899182	181.78	ng/ul	96
74) Fluoranthene	19.15	202	38120896m	385.41	ng/ul	
77) Pyrene	19.51	202	33501709m	523.96	ng/ul	
80) Benzo(a)anthracene	21.26	228	13818785m	206.94	ng/ul	
82) Chrysene	21.32	228	12016938m	193.98	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	5644642m	94.93	ng/ul	
86) Benzo(k)fluoranthene	22.87	252	1761115m	31.47	ng/ul	
88) Benzo(a)pyrene	23.39	252	3195742m	59.83	ng/ul	
89) Indeno(1,2,3-cd)pyrene	25.71	276	846769m	15.98	ng/ul	

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.72	278	249764m	5.53	ng/ul	
91) Benzo(g,h,i)perylene	26.40	276	628110m	15.03	ng/ul	

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

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