Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011748.D
Acq On : 28 Sep 2017 06:11
Operator : SJ/JU
Sample : I5377-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB3F2

Manual Integrations APPROVED
Sohil
9/29/2017 2:23:12 PM

Quant Time: Sep 28 07:03:37 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	295747	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1316655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	730860	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1528620	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1181745	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1024164	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	19922	3.00	ng/uL	0.00
5) Phenol-d5	7.09	99	504914	17.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	389023	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	409041	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	408955	17.95	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	201980	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	222242	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	414205	19.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	219678	9.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1373162	21.91	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1629217	21.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	143792	13.42	ng/ul	0.00
57) Fluorene-d10	15.56	176	1167625	21.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	145924	14.09	ng/ul	0.00
70) Anthracene-d10	17.41	188	1704428	21.91	ng/ul	0.00
76) Pyrene-d10	19.70	212	1798808	31.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1128858	23.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.12	94	30722	1.044	ng/ul	88
28) Naphthalene	10.79	128	141431	2.055	ng/ul	98
34) 2-Methylnaphthalene	12.40	142	58896	1.207	ng/ul	99
44) Dimethylphthalate	14.02	163	287815	4.801	ng/ul	99
49) Acenaphthene	14.64	153	58424	1.128	ng/ul	99
58) Fluorene	15.62	166	66061	1.097	ng/ul#	96
69) Phenanthrene	17.36	178	1217819	14.234	ng/ul	98
71) Anthracene	17.44	178	238431	2.705	ng/ul	97
72) Carbazole	17.72	167	106053	1.373	ng/ul	97
74) Fluoranthene	19.37	202	2006993	19.214	ng/ul#	91
77) Pyrene	19.73	202	1698620	24.120	ng/ul#	89
80) Benzo(a)anthracene	21.46	228	775902	11.736	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.37	149	69031m	1.571	ng/ul	
82) Chrysene	21.52	228	725438	11.634	ng/ul	97
85) Benzo(b)fluoranthene	23.13	252	883238	14.617	ng/ul#	92
86) Benzo(k)fluoranthene	23.17	252	308133m	4.999	ng/ul	
88) Benzo(a)pyrene	23.74	252	575186	9.855	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.26	276	381362	6.276	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	104918	2.062	ng/ul#	81
91) Benzo(g,h,i)perylene	27.01	276	329859	6.540	ng/ul#	93

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

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