Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012593.D
Acq On : 31 Oct 2017 03:00
Operator : SJ/JU
Sample : I5886-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNF3

Manual Integrations APPROVED
Sohil
10/31/2017 7:47:32 PM

Quant Time: Oct 31 05:22:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	336204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1254043	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	700663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1597719	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1888414	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2135318	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	37394	5.68	ng/uL	0.00
5) Phenol-d5	7.02	99	600247	21.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	395954	23.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	512280	24.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	454960	18.95	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	246356	31.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	277030	34.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	503181	23.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	434603	19.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1466565	23.96	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1843313	25.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	148569	16.33	ng/ul	0.00
57) Fluorene-d10	15.47	176	1290592	24.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	157668	20.39	ng/ul	0.00
70) Anthracene-d10	17.32	188	1908933	25.07	ng/ul	0.00
76) Pyrene-d10	19.62	212	2179819	25.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2469918	24.35	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.05	94	91753	3.138	ng/ul#	81
49) Acenaphthene	14.55	153	111746	2.361	ng/ul	99
53) Dibenzofuran	14.89	168	102509	1.464	ng/ul	98
58) Fluorene	15.53	166	103441	1.746	ng/ul	99
69) Phenanthrene	17.27	178	1828477	21.162	ng/ul	99
71) Anthracene	17.36	178	372063	4.166	ng/ul	99
72) Carbazole	17.63	167	188062	2.542	ng/ul	100
74) Fluoranthene	19.28	202	2849170	29.102	ng/ul#	91
77) Pyrene	19.64	202	2449633	22.811	ng/ul#	92
78) Butylbenzylphthalate	20.54	149	71321	1.686	ng/ul	89
80) Benzo(a)anthracene	21.39	228	1553991	13.742	ng/ul	97
82) Chrysene	21.43	228	1638944	16.301	ng/ul	97
85) Benzo(b)fluoranthene	23.00	252	2600566	19.702	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	918596m	7.394	ng/ul	
88) Benzo(a)pyrene	23.60	252	1803668	14.332	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	1424107	9.615	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.03	278	385502	3.070	ng/ul#	88
91) Benzo(g,h,i)perylene	26.74	276	1151561	9.593	ng/ul#	96

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

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