Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012768.D
Acq On : 06 Nov 2017 08:45
Operator : SJ/JU
Sample : I5902-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(1-3)-101317

Manual Integrations APPROVED
Sohil
11/7/2017 5:35:06 PM

Quant Time: Nov 07 03:37:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	208306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	819589	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	438774	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	762682	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	796382	20.00	ng/ul	0.01
85) Perylene-d12	23.68	264	909214	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	20770	5.39	ng/uL	0.00
5) Phenol-d5	7.00	99	460116	29.69	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	257468	30.65	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	410544	31.80	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	352670	26.36	ng/ul	0.01
19) Nitrobenzene-d5	8.98	128	203999	33.69	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	223328	32.23	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	439134	30.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	237951	17.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1266272	34.87	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	1516463	33.77	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	115032	19.77	ng/ul	0.02
57) Fluorene-d10	15.45	176	970717	31.21	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	22735	4.52	ng/ul	0.02
70) Anthracene-d10	17.30	188	1183905	32.13	ng/ul	0.01
78) Pyrene-d10	19.60	212	1209299	32.72	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	1445047	33.61	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.03	94	74861	4.705	ng/ul	97
28) Naphthalene	10.66	128	103731	2.532	ng/ul	97
34) 2-Methylnaphthalene	12.27	142	44084	1.408	ng/ul	98
44) Dimethylphthalate	13.92	163	613315	17.022	ng/ul	99
60) 4-Nitroaniline	15.53	138	12147	1.716	ng/ul	93
69) Phenanthrene	17.24	178	257635	6.180	ng/ul	99
76) Fluoranthene	19.26	202	386708m	7.720	ng/ul	
79) Pyrene	19.63	202	364749	7.677	ng/ul#	91
82) Benzo(a)anthracene	21.37	228	303087	6.289	ng/ul#	93
84) Chrysene	21.42	228	355012	8.129	ng/ul#	95
87) Benzo(b)fluoranthene	22.99	252	608719	10.955	ng/ul	98
88) Benzo(k)fluoranthene	23.03	252	172913m	3.274	ng/ul	
90) Benzo(a)pyrene	23.58	252	367356	6.948	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	26.01	276	344960	5.414	ng/ul#	86
92) Dibenzo(a,h)anthracene	26.01	278	97451	1.807	ng/ul#	79
93) Benzo(g,h,i)perylene	26.73	276	313026	5.962	ng/ul#	89

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

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