Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012625.D
Acq On : 01 Nov 2017 04:55
Operator : SJ/JU
Sample : I5873-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

Manual Integrations APPROVED
Sohil
11/1/2017 4:58:29 PM

Quant Time: Nov 01 07:46:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	362013	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1523170	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	972668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	2388342	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2448666	20.00	ng/ul	0.01
83) Perylene-d12	23.72	264	2369407	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	37746	5.33	ng/uL	0.00
5) Phenol-d5	7.03	99	1002115	33.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	557568	31.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	790596	34.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	626882	24.25	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	395169	41.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	461314	46.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	909644	34.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	385619	14.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2830486	33.31	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	3572331	35.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	438761	34.74	ng/ul	0.01
57) Fluorene-d10	15.48	176	2603249	36.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	287199	24.85	ng/ul	0.01
70) Anthracene-d10	17.33	188	4115195	36.16	ng/ul	0.01
76) Pyrene-d10	19.62	212	4638389	41.29	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.57	264	4043833	35.92	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.05	94	178327	5.663	ng/ul#	82
44) Dimethylphthalate	13.94	163	128575	1.530	ng/ul	98
47) Acenaphthylene	14.21	152	279187	2.910	ng/ul	97
69) Phenanthrene	17.27	178	2168356	16.788	ng/ul	99
71) Anthracene	17.36	178	716717	5.369	ng/ul	97
72) Carbazole	17.63	167	542597	4.907	ng/ul	98
74) Fluoranthene	19.29	202	5238537	35.794	ng/ul#	92
77) Pyrene	19.65	202	4298003	30.866	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	2129069	14.520	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.32	149	1000981	11.992	ng/ul	97
82) Chrysene	21.44	228	2852498	21.880	ng/ul	95
85) Benzo(b)fluoranthene	23.02	252	4607530	31.457	ng/ul#	93
86) Benzo(k)fluoranthene	23.06	252	1337509m	9.702	ng/ul	
88) Benzo(a)pyrene	23.62	252	1995363	14.288	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.06	276	2149552	13.079	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.06	278	504881	3.623	ng/ul#	59
91) Benzo(g,h,i)perylene	26.78	276	1686031	12.658	ng/ul#	91

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

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