Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012481.D
Acq On : 27 Oct 2017 11:56
Operator : SJ/JU
Sample : I5873-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13(0-1)_101117

Manual Integrations APPROVED
Sohil
10/30/2017 6:30:00 PM

Quant Time: Oct 28 00:58:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	527054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1973675	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	1085817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2246163	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2332398	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2635984	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	54027	5.24	ng/uL	0.00
5) Phenol-d5	7.04	99	855015	19.42	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	645208	24.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	462858	14.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	702553	18.67	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	384128	31.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	154046	12.10	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	235602	6.98	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	669696	18.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2396786	25.27	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2872895	25.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	3077	0.22	ng/ul	0.00
57) Fluorene-d10	15.49	176	1991341	24.80	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.60	200	6478	0.60	ng/ul	-0.02
70) Anthracene-d10	17.34	188	2836942	26.50	ng/ul	-0.01
76) Pyrene-d10	19.63	212	3030528	28.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3346729	26.72	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.02	77	36651	1.531	ng/ul#	71
6) Phenol	7.07	94	169778	3.703	ng/ul#	85
44) Dimethylphthalate	13.96	163	2377058	25.334	ng/ul	100
69) Phenanthrene	17.29	178	1534400	12.632	ng/ul	99
71) Anthracene	17.37	178	300748	2.396	ng/ul	96
72) Carbazole	17.65	167	157708	1.516	ng/ul	97
74) Fluoranthene	19.30	202	2403268	17.461	ng/ul#	93
77) Pyrene	19.66	202	2018787	15.220	ng/ul#	92
78) Butylbenzylphthalate	20.55	149	148798	2.847	ng/ul	98
80) Benzo(a)anthracene	21.40	228	1094402	7.836	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.33	149	5232468	65.813	ng/ul	98
82) Chrysene	21.45	228	1151585	9.273	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	1637566	10.050	ng/ul#	89
86) Benzo(k)fluoranthene	23.06	252	434145m	2.831	ng/ul	
88) Benzo(a)pyrene	23.62	252	1020909	6.571	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.06	276	806195	4.409	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.06	278	211290	1.363	ng/ul#	70
91) Benzo(g,h,i)perylene	26.77	276	605846	4.088	ng/ul#	88

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

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