Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010516.D
Acq On : 11 Jun 2017 09:34
Operator : SJ/MA
Sample : I3522-16
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B17

Manual Integrations APPROVED
mohammad
6/12/2017 3:41:31 PM

Quant Time: Jun 12 09:43:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	234804	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	841785	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	582636	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1476569	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	2226235	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	2195923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	16403	2.87	ng/uL	0.00
5) Phenol-d5	7.07	99	315786	17.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	178429	17.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	284593	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	249805	17.40	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	135219	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	167615	23.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	352255	24.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	307955	21.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1207739	24.95	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1315601	23.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	119760	16.54	ng/ul	0.00
57) Fluorene-d10	15.52	176	1026409	24.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	193487	18.50	ng/ul	0.00
70) Anthracene-d10	17.37	188	1768755	24.62	ng/ul	0.00
76) Pyrene-d10	19.67	212	2305366	25.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	2491866	24.37	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.10	94	28421	1.558	ng/ul#	79
44) Dimethylphthalate	13.99	163	609459	12.802	ng/ul	97
47) Acenaphthylene	14.26	152	164804	2.986	ng/ul	98
69) Phenanthrene	17.32	178	161427	2.048	ng/ul	97
71) Anthracene	17.41	178	318774	3.874	ng/ul	99
72) Carbazole	17.70	167	89342	1.283	ng/ul#	97
74) Fluoranthene	19.33	202	2322983	23.964	ng/ul#	95
77) Pyrene	19.70	202	3101665	27.037	ng/ul#	93
80) Benzo(a)anthracene	21.43	228	2842984	22.646	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	180130	3.053	ng/ul	98
82) Chrysene	21.48	228	1730998	15.253	ng/ul	94
85) Benzo(b)fluoranthene	23.07	252	6584005	51.527	ng/ul	100
86) Benzo(k)fluoranthene	23.11	252	2131942m	17.465	ng/ul	
88) Benzo(a)pyrene	23.69	252	2921104m	23.063	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.17	276	1762912	11.017	ng/ul	98
90) Dibenzo(a,h)anthracene	26.16	278	515988	3.744	ng/ul#	92
91) Benzo(g,h,i)perylene	26.90	276	1186501	9.000	ng/ul	97

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

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