Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014823.D
Acq On : 24 Apr 2018 23:16
Operator : SJ/JU
Sample : J2431-16DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL

Manual Integrations APPROVED
Sohil
4/25/2018 4:31:11 PM

Quant Time: Apr 25 02:58:36 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	549662	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	2346912	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1202303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2278562	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1910269	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	1859841	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	5024	0.40	ng/uL	0.01
5) Phenol-d5	7.65	99	80624	1.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	64162	2.35	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	66096	1.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	59808	1.76	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	30963	1.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	25626	1.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	55641	1.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	91274	2.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	183713	1.96	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	193279	1.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	12693	0.73	ng/ul	0.00
57) Fluorene-d10	16.10	176	164118	2.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	7785	0.63	ng/ul	0.00
70) Anthracene-d10	17.94	188	210521	1.98	ng/ul	0.00
76) Pyrene-d10	20.17	212	208294	2.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	194878	2.13	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.99	142	443268	5.581	ng/ul	96
40) 1,1'-Biphenyl	13.97	154	409103	4.231	ng/ul#	98
49) Acenaphthene	15.19	153	2153339	26.986	ng/ul	99
53) Dibenzofuran	15.52	168	2762366	24.930	ng/ul	100
58) Fluorene	16.16	166	3674130	41.065	ng/ul	99
69) Phenanthrene	17.88	178	16369934m	133.776	ng/ul	
71) Anthracene	17.97	178	2599867	20.935	ng/ul	98
74) Fluoranthene	19.85	202	10456534	78.377	ng/ul#	83
77) Pyrene	20.20	202	7204814	64.552	ng/ul#	80
78) Butylbenzylphthalate	21.04	149	91243	2.004	ng/ul	93
80) Benzo(a)anthracene	21.91	228	2164417	19.376	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	663913	9.933	ng/ul#	95
82) Chrysene	21.96	228	1295876	12.392	ng/ul	96
85) Benzo(b)fluoranthene	23.65	252	1253660	11.435	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	398515m	3.780	ng/ul	
88) Benzo(a)pyrene	24.30	252	780143	7.501	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.98	276	268068	2.131	ng/ul#	92
91) Benzo(g,h,i)perylene	27.79	276	199057	1.923	ng/ul#	91

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

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