Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM043016\
Data File : BM005169.D
Acq On : 30 Apr 2016 11:28
Operator : UM/SJ
Sample : H2729-02DL 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D0DL

Manual Integrations APPROVED
sohil
5/3/2016 6:31:22 PM

Quant Time: May 03 06:13:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 03 03:20:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	39087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	186681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	113338	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	253186	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	215584	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	178898	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.42	176	2441	0.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.27	188	3595m	0.32	ng/ul	0.00
76) Pyrene-d10	19.57	212	3201	0.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2391	0.30	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.62	128	72920	7.74	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	16047	2.30	ng/ul	99
47) Acenaphthylene	14.15	152	34700	3.08	ng/ul	98
49) Acenaphthene	14.49	153	13615	1.83	ng/ul	98
53) Dibenzofuran	14.83	168	41064	3.75	ng/ul	100
58) Fluorene	15.47	166	41252	4.86	ng/ul	98
69) Phenanthrene	17.22	178	468742	34.79	ng/ul	99
71) Anthracene	17.30	178	110187	8.11	ng/ul	100
72) Carbazole	17.58	167	36426	3.13	ng/ul	98
74) Fluoranthene	19.23	202	548391	36.98	ng/ul	100
77) Pyrene	19.60	202	475430	38.18	ng/ul	99
80) Benzo(a)anthracene	21.35	228	180839	14.65	ng/ul	97
82) Chrysene	21.40	228	160051	13.55	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	161764	15.01	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	55273m	5.27	ng/ul	
88) Benzo(a)pyrene	23.54	252	124971	12.42	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.94	276	68684	7.15	ng/ul	97
90) Dibenzo(a,h)anthracene	25.94	278	18351	2.29	ng/ul#	86
91) Benzo(g,h,i)perylene	26.65	276	62214	7.92	ng/ul	98

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

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