Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011931.D
Acq On : 05 Oct 2017 18:56
Operator : SJ/JU
Sample : I5449-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-60(0-1)-092617

Manual Integrations APPROVED
Sohil
10/6/2017 5:36:57 PM

Quant Time: Oct 12 05:15:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 04:40:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	255878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1006671	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	541956	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1161346	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1305586	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1428581	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	28865	5.34	ng/uL	0.00
5) Phenol-d5	7.02	99	549281	24.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	343954	26.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	500576	28.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	439490	23.09	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	222780	31.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	255197	31.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	453699	27.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	158808	8.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1327591	28.26	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1642544	29.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	135763	16.54	ng/ul	0.00
57) Fluorene-d10	15.50	176	1127220	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	172716	22.10	ng/ul	0.00
70) Anthracene-d10	17.36	188	1704349	29.78	ng/ul	0.00
76) Pyrene-d10	19.64	212	1945830	33.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1975024	28.74	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.05	94	26818	1.231	ng/ul#	93
28) Naphthalene	10.72	128	82558	1.635	ng/ul	98
49) Acenaphthene	14.57	153	98854	2.669	ng/ul	98
53) Dibenzofuran	14.91	168	105679	1.966	ng/ul	99
58) Fluorene	15.56	166	116756	2.601	ng/ul	98
69) Phenanthrene	17.30	178	2346075	36.725	ng/ul	99
71) Anthracene	17.39	178	567083	8.724	ng/ul	99
72) Carbazole	17.66	167	115867	2.058	ng/ul	96
74) Fluoranthene	19.31	202	3248124	41.673	ng/ul#	90
77) Pyrene	19.67	202	3150219	43.516	ng/ul#	89
80) Benzo(a)anthracene	21.42	228	1738881	23.249	ng/ul	98
82) Chrysene	21.46	228	1646692	23.172	ng/ul	97
85) Benzo(b)fluoranthene	23.06	252	2027990	23.355	ng/ul#	92
86) Benzo(k)fluoranthene	23.09	252	596098m	6.876	ng/ul	
88) Benzo(a)pyrene	23.66	252	1544760	18.514	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	957922	10.728	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.14	278	245901	3.352	ng/ul#	78
91) Benzo(g,h,i)perylene	26.88	276	877146	11.876	ng/ul#	92

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

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