Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Manual Integrations APPROVED
Sohil
12/13/2017 12:05:47 PM

Quant Time: Dec 13 03:53:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	243535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1078692	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	639119	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1482515	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1455092	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1193722	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	28720m	5.84	ng/uL	0.00
5) Phenol-d5	6.86	99	627500	29.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	375559	31.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	511628	31.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	560908	31.16	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	277798	32.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	309700	33.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	584360	30.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	731176	42.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1923252	33.82	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2376799	33.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	302515	30.61	ng/ul	0.00
57) Fluorene-d10	15.33	176	1638947	33.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	261635	28.05	ng/ul	0.00
70) Anthracene-d10	17.18	188	2608741	35.14	ng/ul	0.00
76) Pyrene-d10	19.47	212	2994643	41.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	2245236	36.93	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	125116	6.007	ng/ul#	82
28) Naphthalene	10.52	128	3853231	69.431	ng/ul	100
34) 2-Methylnaphthalene	12.13	142	796096	19.082	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	342941	6.349	ng/ul	99
44) Dimethylphthalate	13.79	163	261805	4.813	ng/ul	100
49) Acenaphthene	14.40	153	2872869	64.932	ng/ul	98
53) Dibenzofuran	14.73	168	1893967	28.997	ng/ul	100
58) Fluorene	15.39	166	1794391	33.208	ng/ul	98
68) Pentachlorophenol	16.73	266	14847	1.336	ng/ul	90
69) Phenanthrene	17.12	178	4630067	54.973	ng/ul	99
71) Anthracene	17.21	178	632370	7.345	ng/ul	100
72) Carbazole	17.48	167	474197	6.404	ng/ul	98
74) Fluoranthene	19.14	202	2825555	27.375	ng/ul#	92
77) Pyrene	19.50	202	1937704	21.920	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	377244m	4.086	ng/ul	
82) Chrysene	21.30	228	385586	4.502	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	275158	3.419	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	98878	1.368	ng/ul#	86

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

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