Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A47

Manual Integrations APPROVED
Sohil
12/15/2017 6:49:04 PM

Quant Time: Dec 25 01:35:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	262477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1153203	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	647358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1340193	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1110417	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	894625	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1689	0.32	ng/uL	0.00
5) Phenol-d5	6.86	99	48230	2.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	29035	2.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	40265	2.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	40428	2.08	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	21116	2.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	23366	2.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	43906	2.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	12387	0.67	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	137643	2.39	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	171264	2.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	14082	1.41	ng/ul	0.01
57) Fluorene-d10	15.32	176	117134	2.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	13728	1.63	ng/ul	0.00
70) Anthracene-d10	17.16	188	178710	2.66	ng/ul	0.00
76) Pyrene-d10	19.47	212	178029	3.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	114202	2.51	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.04	152	321413	4.886	ng/ul	99
49) Acenaphthene	14.38	153	149284	3.331	ng/ul	92
53) Dibenzofuran	14.72	168	116315	1.758	ng/ul	97
58) Fluorene	15.37	166	86121	1.574	ng/ul	100
68) Pentachlorophenol	16.72	266	372561	37.076	ng/ul	97
69) Phenanthrene	17.11	178	1308718	17.189	ng/ul	99
71) Anthracene	17.20	178	764615	9.825	ng/ul	98
72) Carbazole	17.47	167	173643	2.594	ng/ul	99
74) Fluoranthene	19.13	202	3744041	40.126	ng/ul#	92
77) Pyrene	19.50	202	4642501	68.818	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	2088713	29.647	ng/ul	97
82) Chrysene	21.30	228	2396116m	36.659	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	4884542	80.993	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	1626402m	28.657	ng/ul	
88) Benzo(a)pyrene	23.39	252	2289583	42.263	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1393294	25.920	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.71	278	368335	8.047	ng/ul#	93
91) Benzo(g,h,i)perylene	26.40	276	1164713	27.470	ng/ul#	95

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

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