Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013487.D
Acq On : 16 Dec 2017 21:20
Operator : SJ/JU
Sample : I6778-15DL 10X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A80DL

Manual Integrations APPROVED
Sohil
12/18/2017 2:11:06 PM

Quant Time: Dec 18 04:01:23 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	217020	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	971339	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	553983	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1238245	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1009384	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	849390	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	2451	0.56	ng/uL	0.00
5) Phenol-d5	6.86	99	47962	2.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	31515	2.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	41716	2.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	40987	2.56	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	21313	2.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	22122	2.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	41287	2.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	36305	2.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	141929	2.88	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	170674	2.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	11900	1.39	ng/ul	0.01
57) Fluorene-d10	15.31	176	120650	2.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	5647	0.72	ng/ul	0.00
70) Anthracene-d10	17.16	188	182852	2.95	ng/ul	0.00
76) Pyrene-d10	19.46	212	175716	3.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	119014	2.75	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	3985410	79.749	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	797336	21.224	ng/ul	96
40) 1,1'-Biphenyl	13.14	154	195837	4.183	ng/ul	98
47) Acenaphthylene	14.03	152	101888	1.810	ng/ul#	92
49) Acenaphthene	14.38	153	759496	19.804	ng/ul	99
53) Dibenzofuran	14.72	168	859425	15.180	ng/ul	99
58) Fluorene	15.37	166	887999	18.960	ng/ul	99
69) Phenanthrene	17.11	178	4092422	58.175	ng/ul	99
71) Anthracene	17.20	178	545216	7.582	ng/ul	99
72) Carbazole	17.47	167	396635	6.413	ng/ul	100
74) Fluoranthene	19.13	202	1845509	21.408	ng/ul#	91
77) Pyrene	19.49	202	1196598	19.513	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	282734	4.415	ng/ul	99
82) Chrysene	21.29	228	227709	3.832	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	154631m	2.701	ng/ul	
88) Benzo(a)pyrene	23.38	252	96278	1.872	ng/ul#	99

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

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