Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013937.D
Acq On : 29 Jan 2018 00:02
Operator : SJ/JU
Sample : J1233-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B19

Manual Integrations APPROVED
Sohil
1/29/2018 6:08:09 PM

Quant Time: Feb 08 08:20:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	133992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	530585	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	336081	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	718645	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	733928	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	746366	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	12053	3.56	ng/uL	0.00
5) Phenol-d5	6.76	99	225852	21.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	149234	23.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	199787	23.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	182176	23.04	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	103104	25.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	110275	25.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	211009	25.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	198369	27.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	719736	25.98	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	883881	25.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	70737	15.71	ng/ul	0.00
57) Fluorene-d10	15.23	176	632105	25.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	87902	20.32	ng/ul	0.00
70) Anthracene-d10	17.09	188	944020	26.97	ng/ul	0.00
76) Pyrene-d10	19.39	212	1008409	29.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	985386	28.72	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	23779	2.305	ng/ul#	85
28) Naphthalene	10.40	128	777513	29.455	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1232244	62.613	ng/ul	95
40) 1,1'-Biphenyl	13.06	154	187338	6.697	ng/ul	97
44) Dimethylphthalate	13.70	163	445923	16.374	ng/ul	97
49) Acenaphthene	14.29	153	429030	19.168	ng/ul	99
53) Dibenzofuran	14.63	168	1112625	33.043	ng/ul	97
58) Fluorene	15.29	166	710341	25.753	ng/ul	98
68) Pentachlorophenol	16.64	266	74229	15.289	ng/ul	95
69) Phenanthrene	17.03	178	5164106	129.275	ng/ul	99
71) Anthracene	17.12	178	556364	13.503	ng/ul	96
72) Carbazole	17.40	167	81324	2.391	ng/ul#	87
74) Fluoranthene	19.06	202	3372270	70.722	ng/ul#	96
77) Pyrene	19.42	202	2108776	47.263	ng/ul#	98
80) Benzo(a)anthracene	21.17	228	500188	11.279	ng/ul	98
82) Chrysene	21.22	228	385181	9.468	ng/ul	99
85) Benzo(b)fluoranthene	22.73	252	266072m	5.805	ng/ul	
86) Benzo(k)fluoranthene	22.76	252	103522	2.337	ng/ul	94
88) Benzo(a)pyrene	23.28	252	159025	3.673	ng/ul#	90

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

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