Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013891.D
Acq On : 27 Jan 2018 19:19
Operator : SJ/JU
Sample : J1233-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B18

Manual Integrations APPROVED
Sohil
1/29/2018 6:04:01 PM

Quant Time: Jan 28 01:58:16 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jan 28 01:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	156270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	608222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	377763	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	803064	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	797462	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	792224	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	11657	2.95	ng/uL	0.00
5) Phenol-d5	6.77	99	216272	18.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	137002	18.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	187013	19.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	163569	17.74	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	94742	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	104298	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	193332	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	203700	24.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	633508	20.35	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	774466	19.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	69620	13.76	ng/ul	0.00
57) Fluorene-d10	15.23	176	550164	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	81523	16.87	ng/ul	0.00
70) Anthracene-d10	17.09	188	816857	20.88	ng/ul	0.00
76) Pyrene-d10	19.39	212	887126	23.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	831898	22.85	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	24640	2.048	ng/ul#	85
28) Naphthalene	10.40	128	1029457	34.022	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	1304243	57.812	ng/ul	92
40) 1,1'-Biphenyl	13.06	154	217514	6.917	ng/ul	97
44) Dimethylphthalate	13.70	163	182474	5.961	ng/ul	100
49) Acenaphthene	14.30	153	334891	13.311	ng/ul	98
53) Dibenzofuran	14.64	168	1000241	26.428	ng/ul	100
58) Fluorene	15.29	166	494553	15.952	ng/ul	97
68) Pentachlorophenol	16.65	266	95976	17.690	ng/ul	96
69) Phenanthrene	17.04	178	4285052	95.993	ng/ul	99
71) Anthracene	17.12	178	403052	8.754	ng/ul	98
72) Carbazole	17.40	167	72330	1.903	ng/ul#	93
74) Fluoranthene	19.06	202	3002463	56.347	ng/ul#	94
77) Pyrene	19.42	202	1837809	37.909	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	438944	9.109	ng/ul	97
82) Chrysene	21.23	228	320227	7.244	ng/ul	99
85) Benzo(b)fluoranthene	22.73	252	224557m	4.616	ng/ul	
86) Benzo(k)fluoranthene	22.77	252	86257m	1.834	ng/ul	
88) Benzo(a)pyrene	23.29	252	122953	2.675	ng/ul#	94

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

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