Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014354.D
Acq On : 26 Feb 2018 13:47
Operator : SJ/JU
Sample : J1646-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X9

Manual Integrations APPROVED
Sohil
2/27/2018 4:57:42 PM

Quant Time: Feb 27 01:57:57 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	61751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	271385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	177660	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	482166	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	687469	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	648477	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	10742m	7.45	ng/uL	0.00
5) Phenol-d5	6.72	99	194586	37.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	125829	39.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	154446	38.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	168839	36.97	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	81825	40.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	88494	42.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	158482	36.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	200166	47.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	651957	44.44	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	805316	44.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	62913m	31.06	ng/ul	0.00
57) Fluorene-d10	15.18	176	602424	45.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	92660	32.04	ng/ul	0.00
70) Anthracene-d10	17.04	188	1088694	46.80	ng/ul	0.00
76) Pyrene-d10	19.34	212	1474190	41.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	1452308	46.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.75	94	16073	2.935	ng/ul	97
28) Naphthalene	10.35	128	18451	1.324	ng/ul#	83
44) Dimethylphthalate	13.65	163	142608	9.857	ng/ul	99
49) Acenaphthene	14.24	153	31456	2.612	ng/ul#	81
53) Dibenzofuran	14.59	168	24788	1.373	ng/ul#	87
58) Fluorene	15.24	166	45766	2.936	ng/ul	89
64) N-Nitrosodiphenylamine	15.46	169	46141	3.330	ng/ul	97
69) Phenanthrene	16.98	178	826103	29.737	ng/ul	97
71) Anthracene	17.07	178	177943	6.369	ng/ul	97
72) Carbazole	17.36	167	71504	3.044	ng/ul	98
74) Fluoranthene	19.01	202	1375130	41.432	ng/ul#	94
77) Pyrene	19.37	202	1224439	26.800	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	646174	15.061	ng/ul	97
82) Chrysene	21.19	228	560752	14.010	ng/ul	97
85) Benzo(b)fluoranthene	22.67	252	679119	15.640	ng/ul#	98
86) Benzo(k)fluoranthene	22.71	252	217929m	5.279	ng/ul	
88) Benzo(a)pyrene	23.23	252	476657	12.285	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.47	276	267624	7.108	ng/ul	99
90) Dibenzo(a,h)anthracene	25.47	278	71329m	2.280	ng/ul	
91) Benzo(g,h,i)perylene	26.13	276	200553	6.575	ng/ul	95

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

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