Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

Manual Integrations APPROVED
Sohil
2/27/2018 4:57:50 PM

Quant Time: Feb 27 03:06:10 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	7.52	152	118317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	531481	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	321070	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	739546	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	705500	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	537993	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	19259m	6.97	ng/uL	0.00
5) Phenol-d5	6.72	99	405378	40.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	244160	40.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	334267	43.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	340022	38.86	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	179461	45.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	196201	48.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	341960	40.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	374136	45.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1221368	46.06	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1539596	47.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	126150	34.46	ng/ul	0.00
57) Fluorene-d10	15.18	176	1040731	43.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	154665	34.86	ng/ul	0.00
70) Anthracene-d10	17.04	188	1596695	44.75	ng/ul	0.00
76) Pyrene-d10	19.34	212	1775583	48.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	1201083m	45.87	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.75	94	44200	4.212	ng/ul	92
44) Dimethylphthalate	13.65	163	446187	17.065	ng/ul	97
49) Acenaphthene	14.25	153	43456	1.997	ng/ul	95
53) Dibenzofuran	14.59	168	45040	1.380	ng/ul	100
58) Fluorene	15.24	166	44265	1.571	ng/ul	99
69) Phenanthrene	16.98	178	1134941	26.636	ng/ul	99
71) Anthracene	17.07	178	172751	4.031	ng/ul	96
72) Carbazole	17.36	167	82986	2.303	ng/ul#	91
74) Fluoranthene	19.01	202	1644716	32.308	ng/ul#	92
77) Pyrene	19.37	202	1481845	31.606	ng/ul#	92
80) Benzo(a)anthracene	21.13	228	604192	13.722	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	250298	9.015	ng/ul#	93
82) Chrysene	21.19	228	581236	14.151	ng/ul	98
85) Benzo(b)fluoranthene	22.67	252	583765	16.205	ng/ul#	95
86) Benzo(k)fluoranthene	22.72	252	182452m	5.327	ng/ul	
88) Benzo(a)pyrene	23.23	252	392090	12.180	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.47	276	218182	6.985	ng/ul	93
90) Dibenzo(a,h)anthracene	25.47	278	55017	2.120	ng/ul#	95
91) Benzo(g,h,i)perylene	26.13	276	160470	6.342	ng/ul#	92

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

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