Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014389.D
Acq On : 27 Feb 2018 19:02
Operator : SJ/JU
Sample : J1631-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE609

Manual Integrations APPROVED
Sohil
2/28/2018 1:59:22 PM

Quant Time: Feb 28 01:56:15 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	108773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	447510	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	260407	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	518944	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	503174	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	494908	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	8440m	3.32	ng/uL	0.00
5) Phenol-d5	6.73	99	169574	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	101983	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	141466	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	138213	17.18	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	73900	22.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	83603	24.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	159039	22.43	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	123931m	17.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	530195	24.65	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	658692	24.84	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	53983	18.18	ng/ul	0.03
57) Fluorene-d10	15.19	176	445257	23.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	8964	2.88	ng/ul	0.01
70) Anthracene-d10	17.04	188	668407	26.70	ng/ul	0.00
76) Pyrene-d10	19.35	212	673316	25.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	619261	25.71	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.76	94	26967	2.795	ng/ul	90
14) Acetophenone	8.36	105	21432	1.544	ng/ul	85
28) Naphthalene	10.34	128	68791	2.993	ng/ul	96
30) 4-Chloroaniline	10.43	127	24329m	3.415	ng/ul	
34) 2-Methylnaphthalene	11.97	142	24615m	1.407	ng/ul	
44) Dimethylphthalate	13.65	163	233312	11.002	ng/ul	100
47) Acenaphthylene	13.90	152	111923	4.465	ng/ul	97
49) Acenaphthene	14.25	153	41291	2.340	ng/ul	90
53) Dibenzofuran	14.59	168	45826	1.732	ng/ul	100
58) Fluorene	15.24	166	60223	2.636	ng/ul#	97
69) Phenanthrene	16.99	178	1320689	44.171	ng/ul	99
71) Anthracene	17.08	178	246667	8.203	ng/ul	97
72) Carbazole	17.36	167	109697	4.339	ng/ul	98
74) Fluoranthene	19.02	202	2313829	64.773	ng/ul#	95
77) Pyrene	19.39	202	2129587	63.685	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	1082123	34.459	ng/ul	96
82) Chrysene	21.20	228	1119305	38.208	ng/ul	98
85) Benzo(b)fluoranthene	22.70	252	1397288	42.166	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	466822m	14.817	ng/ul	
88) Benzo(a)pyrene	23.25	252	1004296	33.915	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	672648	23.409	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.51	278	180416	7.556	ng/ul#	82
91) Benzo(g,h,i)perylene	26.17	276	494415	21.240	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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