Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014425.D
Acq On : 01 Mar 2018 05:45
Operator : SJ/JU
Sample : J1646-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X6

Manual Integrations APPROVED
Sohil
3/1/2018 5:15:43 PM

Quant Time: Mar 01 07:28:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	148018	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	675020	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	410736	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	896770	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	944929	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	678101	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	14534m	4.20	ng/uL	0.00
5) Phenol-d5	6.72	99	299104	23.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	172166	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	236890	24.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	248413	22.69	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	127421	25.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	139529	27.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	257983	24.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	173361	16.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	865945	25.53	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1078774	25.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	107648	22.99	ng/ul	0.01
57) Fluorene-d10	15.18	176	731557	24.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	17798	3.31	ng/ul	0.01
70) Anthracene-d10	17.04	188	1118578	25.85	ng/ul	0.00
76) Pyrene-d10	19.35	212	1268368	26.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	846571	25.65	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	33916	2.584	ng/ul	93
28) Naphthalene	10.33	128	74688	2.154	ng/ul#	95
44) Dimethylphthalate	13.65	163	202208	6.046	ng/ul	97
47) Acenaphthylene	13.89	152	323552	8.184	ng/ul	99
49) Acenaphthene	14.24	153	217934	7.829	ng/ul	97
53) Dibenzofuran	14.58	168	240089	5.752	ng/ul	89
58) Fluorene	15.23	166	376695	10.454	ng/ul	96
69) Phenanthrene	16.99	178	7801612	150.994	ng/ul	99
71) Anthracene	17.07	178	1651669	31.786	ng/ul	99
72) Carbazole	17.36	167	219108	5.015	ng/ul	98
74) Fluoranthene	19.02	202	13390825	216.926	ng/ul#	88
77) Pyrene	19.39	202	11532423	183.645	ng/ul#	88
80) Benzo(a)anthracene	21.14	228	5689431	96.475	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	5323449	143.155	ng/ul#	96
82) Chrysene	21.20	228	4447657	80.845	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	4439301	97.772	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	1499805	34.743	ng/ul#	96
88) Benzo(a)pyrene	23.25	252	2950721	72.725	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.51	276	1534235	38.968	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.50	278	466322	14.254	ng/ul#	91
91) Benzo(g,h,i)perylene	26.17	276	1079841	33.857	ng/ul#	93

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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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