Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014434.D
Acq On : 01 Mar 2018 11:08
Operator : SJ/JU
Sample : J1646-12DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X6DL

Manual Integrations APPROVED
Sohil
3/1/2018 5:16:08 PM

Quant Time: Mar 01 13:40:14 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	114755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	543205	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	334553	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	747288	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	704436	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	550586	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	2509	0.94	ng/uL	0.00
5) Phenol-d5	6.73	99	44694	4.61	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	27427	4.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	38005	5.11	ng/ul	0.01
13) 4-Methylphenol-d8	8.25	113	39289m	4.63	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	18829	4.69	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	18600	4.48	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	39152m	4.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	28792m	3.40	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	135537	4.91	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	175177	5.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	3123	0.82	ng/ul	0.06
57) Fluorene-d10	15.18	176	116663	4.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	1245	0.28	ng/ul	0.02
70) Anthracene-d10	17.03	188	187887	5.21	ng/ul	0.00
76) Pyrene-d10	19.34	212	207209	5.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	140602	5.25	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.65	163	34019	1.249	ng/ul#	95
47) Acenaphthylene	13.90	152	55257	1.716	ng/ul#	90
49) Acenaphthene	14.24	153	36436	1.607	ng/ul	92
53) Dibenzofuran	14.59	168	39166	1.152	ng/ul#	83
58) Fluorene	15.24	166	58276	1.986	ng/ul	96
69) Phenanthrene	16.98	178	1169621	27.165	ng/ul	98
71) Anthracene	17.07	178	270687	6.251	ng/ul	96
74) Fluoranthene	19.01	202	2064565	40.135	ng/ul#	92
77) Pyrene	19.37	202	1729350	36.940	ng/ul#	91
80) Benzo(a)anthracene	21.14	228	853302	19.409	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	695946	25.104	ng/ul#	95
82) Chrysene	21.19	228	691604	16.863	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	677482	18.377	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	251968	7.189	ng/ul#	96
88) Benzo(a)pyrene	23.23	252	468807	14.231	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	254966	7.976	ng/ul	96
90) Dibenzo(a,h)anthracene	25.48	278	84652m	3.187	ng/ul	
91) Benzo(g,h,i)perylene	26.16	276	181223	6.998	ng/ul#	97

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

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