Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014365.D
Acq On : 26 Feb 2018 20:24
Operator : SJ/JU
Sample : J1631-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y5

Manual Integrations APPROVED
Sohil
2/27/2018 4:58:27 PM

Quant Time: Feb 27 04:35:11 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	164942	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	736439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	401347	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	791983	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	539537	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	495652	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	14284	3.71	ng/uL	0.00
5) Phenol-d5	6.72	99	340387	24.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	216605	25.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	284142	26.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	230474	18.89	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	151369	27.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	168623	29.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	300483	25.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	144622	12.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1028980	31.05	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1277049	31.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	88552	19.35	ng/ul	0.01
57) Fluorene-d10	15.19	176	847621	28.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	39748	8.37	ng/ul	0.01
70) Anthracene-d10	17.04	188	1176413	30.79	ng/ul	0.00
76) Pyrene-d10	19.35	212	1036060	37.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	766512	31.78	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.70	77	10225	1.799	ng/ul#	86
6) Phenol	6.76	94	31199	2.133	ng/ul#	87
14) Acetophenone	8.35	105	204362	9.711	ng/ul	91
44) Dimethylphthalate	13.65	163	358971	10.983	ng/ul	99
47) Acenaphthylene	13.90	152	52565	1.361	ng/ul#	96
69) Phenanthrene	16.99	178	558132	12.231	ng/ul	97
71) Anthracene	17.07	178	135710	2.957	ng/ul	98
73) Di-n-butylphthalate	17.92	149	107396	2.157	ng/ul#	97
74) Fluoranthene	19.02	202	1172241	21.502	ng/ul#	94
77) Pyrene	19.38	202	1145300	31.942	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	530789	15.763	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.07	149	32993	1.554	ng/ul#	96
82) Chrysene	21.19	228	580091	18.467	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	762156	22.965	ng/ul#	94
86) Benzo(k)fluoranthene	22.72	252	204338m	6.476	ng/ul	
88) Benzo(a)pyrene	23.24	252	490474	16.538	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.49	276	352657	12.254	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	100655m	4.209	ng/ul	
91) Benzo(g,h,i)perylene	26.15	276	279466	11.988	ng/ul#	95

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

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