Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014496.D
Acq On : 06 Mar 2018 12:06
Operator : SJ/JU
Sample : J1631-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z1DL

Manual Integrations APPROVED
Sohil
3/6/2018 5:49:21 PM

Quant Time: Mar 06 16:43:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	109222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	404502	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	212829	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	444630	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	402763	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	393284	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	3092	1.21	ng/uL	0.00
5) Phenol-d5	6.74	99	42760	4.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	33558m	6.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	39364	5.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	30408m	3.76	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	17713	5.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	21365m	6.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	35138m	5.48	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	18126m	2.87	ng/ul	0.03
43) Dimethylphthalate-d6	13.60	166	112622	6.41	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	128302	5.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	6288m	2.59	ng/ul	0.06
57) Fluorene-d10	15.17	176	92617	5.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	2349	0.88	ng/ul	0.01
70) Anthracene-d10	17.04	188	134415	6.27	ng/ul	0.00
76) Pyrene-d10	19.34	212	144410	6.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	120784	6.31	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.33	128	25957	1.249	ng/ul#	95
44) Dimethylphthalate	13.64	163	64354	3.713	ng/ul	96
69) Phenanthrene	16.97	178	358797	14.006	ng/ul	99
71) Anthracene	17.07	178	73599	2.857	ng/ul	96
72) Carbazole	17.36	167	30130	1.391	ng/ul	97
74) Fluoranthene	19.01	202	587793	19.205	ng/ul#	96
77) Pyrene	19.37	202	514863	19.235	ng/ul#	96
80) Benzo(a)anthracene	21.14	228	271417	10.798	ng/ul	98
82) Chrysene	21.19	228	266833	11.379	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	333869	12.678	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	102373m	4.089	ng/ul	
88) Benzo(a)pyrene	23.24	252	231177	9.824	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.51	276	167810	7.349	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	52451m	2.764	ng/ul	
91) Benzo(g,h,i)perylene	26.17	276	126986	6.865	ng/ul	95

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

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