Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014848.D
Acq On : 25 Apr 2018 23:49
Operator : SJ/JU
Sample : J2431-14DL2 30X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP5DL2

Manual Integrations APPROVED
Sohil
4/26/2018 6:21:23 PM

Quant Time: Apr 26 03:46:47 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 01:59:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	279033	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1177062	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	619389	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1335365	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1402865	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1473047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	505	0.08	ng/uL	0.00
5) Phenol-d5	7.62	99	11778	0.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	9171	0.66	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	9863	0.55	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	9057	0.53	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	4773	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	3909	0.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	8809	0.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.45	131	19260	1.13	ng/ul	-0.02
43) Dimethylphthalate-d6	14.49	166	27536	0.57	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	28559	0.48	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	3303	0.37	ng/ul	0.00
57) Fluorene-d10	16.08	176	28297	0.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	1524	0.21	ng/ul	0.00
70) Anthracene-d10	17.92	188	36521	0.59	ng/ul	0.00
76) Pyrene-d10	20.16	212	41582	0.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	45193	0.62	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	11.40	128	647831	11.294	ng/ul	99
34) 2-Methylnaphthalene	12.97	142	662455	16.632	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	205152	4.119	ng/ul#	98
49) Acenaphthene	15.17	153	1108069	26.956	ng/ul	100
53) Dibenzofuran	15.50	168	1052994	18.447	ng/ul	99
58) Fluorene	16.14	166	1061129	23.022	ng/ul	100
69) Phenanthrene	17.86	178	4889317	68.177	ng/ul	99
71) Anthracene	17.95	178	771669	10.603	ng/ul	99
72) Carbazole	18.21	167	88137	1.420	ng/ul	98
74) Fluoranthene	19.83	202	3285849	42.025	ng/ul#	80
77) Pyrene	20.19	202	2380502	29.042	ng/ul#	79
80) Benzo(a)anthracene	21.89	228	705428	8.599	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.77	149	235466	4.797	ng/ul#	95
82) Chrysene	21.94	228	555004	7.227	ng/ul	97
85) Benzo(b)fluoranthene	23.63	252	462959	5.331	ng/ul#	96
86) Benzo(k)fluoranthene	23.68	252	136505m	1.635	ng/ul	
88) Benzo(a)pyrene	24.28	252	278600	3.382	ng/ul#	94

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

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