Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014829.D
Acq On : 25 Apr 2018 02:54
Operator : SJ/JU
Sample : J2431-15DL2 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP6DL2

Manual Integrations APPROVED
Sohil
4/25/2018 4:31:21 PM

Quant Time: Apr 25 05:03:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	502175	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	2115175	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1053446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2048115	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1921003	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	1970314	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	190	0.02	ng/uL	-0.01
5) Phenol-d5	7.65	99	27404	0.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	25023	1.01	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	21857	0.67	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	20443	0.66	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	10438	0.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	8454	0.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	18058	0.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	27518	0.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.51	166	58766	0.71	ng/ul	0.00
46) Acenaphthylene-d8	14.82	160	62178	0.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	4818	0.32	ng/ul	0.00
57) Fluorene-d10	16.10	176	57409	0.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	3102	0.28	ng/ul	0.00
70) Anthracene-d10	17.93	188	71388	0.75	ng/ul	0.00
76) Pyrene-d10	20.17	212	74744	0.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	74964	0.77	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.99	142	187136	2.614	ng/ul	96
40) 1,1'-Biphenyl	13.97	154	210856	2.489	ng/ul#	98
49) Acenaphthene	15.19	153	1203945	17.220	ng/ul	98
53) Dibenzofuran	15.52	168	1663155	17.131	ng/ul	99
58) Fluorene	16.16	166	2726902	34.785	ng/ul	100
69) Phenanthrene	17.88	178	15421566	140.206	ng/ul	94
71) Anthracene	17.97	178	2870716	25.717	ng/ul	99
74) Fluoranthene	19.84	202	9447099	78.778	ng/ul#	80
77) Pyrene	20.20	202	6541750	58.284	ng/ul#	81
80) Benzo(a)anthracene	21.91	228	1998144	17.787	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.79	149	500544	7.447	ng/ul#	96
82) Chrysene	21.96	228	1503384	14.296	ng/ul	97
85) Benzo(b)fluoranthene	23.65	252	1202906	10.357	ng/ul#	96
86) Benzo(k)fluoranthene	23.69	252	354627m	3.175	ng/ul	
88) Benzo(a)pyrene	24.30	252	746819	6.778	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.98	276	258650	1.941	ng/ul#	91
91) Benzo(g,h,i)perylene	27.78	276	212442	1.937	ng/ul#	88

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

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