Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN9DL

Manual Integrations APPROVED
Sohil
4/25/2018 4:31:14 PM

Quant Time: Apr 25 04:01:32 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	424453	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1868209	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1061486	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2412785	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	2728309	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2842341	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	4828	0.50	ng/uL	0.01
5) Phenol-d5	7.65	99	82598	2.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	62612	2.98	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	68485	2.49	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	65379	2.50	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	31281	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	27658	2.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	60007	2.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	86729	3.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.51	166	221410	2.67	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	221049	2.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	19633	1.28	ng/ul	0.00
57) Fluorene-d10	16.10	176	202300	2.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	13420	1.03	ng/ul	0.00
70) Anthracene-d10	17.94	188	286164	2.55	ng/ul	0.00
76) Pyrene-d10	20.17	212	342928	2.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.24	264	386717	2.77	ng/ul	-0.01
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.99	142	84000	1.329	ng/ul	100
40) 1,1'-Biphenyl	13.97	154	115228	1.350	ng/ul#	98
49) Acenaphthene	15.19	153	725304	10.296	ng/ul	99
53) Dibenzofuran	15.52	168	1131841	11.570	ng/ul	100
58) Fluorene	16.16	166	2076518	26.288	ng/ul	99
69) Phenanthrene	17.89	178	13763300m	106.217	ng/ul	
71) Anthracene	17.97	178	2027004	15.414	ng/ul	98
74) Fluoranthene	19.84	202	7979165	56.481	ng/ul#	81
77) Pyrene	20.20	202	5506212	34.541	ng/ul#	81
80) Benzo(a)anthracene	21.91	228	1774627	11.123	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.79	149	657670	6.889	ng/ul#	96
82) Chrysene	21.96	228	1418024	9.494	ng/ul	97
85) Benzo(b)fluoranthene	23.65	252	1009327	6.024	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	424667m	2.636	ng/ul	
88) Benzo(a)pyrene	24.30	252	671906	4.227	ng/ul#	95

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

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