Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014845.D
Acq On : 25 Apr 2018 21:59
Operator : SJ/JU
Sample : J2431-12DL2 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3DL2

Manual Integrations APPROVED
Sohil
4/26/2018 6:21:18 PM

Quant Time: Apr 26 02:57:21 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	306168	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1256096	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	654607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1366036	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1422626	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1545731	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	1270	0.18	ng/uL	0.00
5) Phenol-d5	7.62	99	22487	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	16786	1.11	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	18794	0.95	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	17660	0.94	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	8405	0.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	7326	0.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	15899	0.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	19164	1.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	49443	0.97	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	54435	0.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	5548	0.59	ng/ul	0.00
57) Fluorene-d10	16.08	176	46597	1.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	2661	0.36	ng/ul	0.00
70) Anthracene-d10	17.92	188	65671	1.03	ng/ul	0.00
76) Pyrene-d10	20.16	212	72050	1.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	79513	1.05	ng/ul	0.00
Target Compounds						Qvalue
49) Acenaphthene	15.17	153	88242	2.031	ng/ul	96
53) Dibenzofuran	15.50	168	143664	2.381	ng/ul	99
58) Fluorene	16.14	166	327739	6.728	ng/ul	98
69) Phenanthrene	17.86	178	4816656	65.656	ng/ul	99
71) Anthracene	17.95	178	1096631	14.729	ng/ul	99
74) Fluoranthene	19.83	202	5132401	64.168	ng/ul#	83
77) Pyrene	20.19	202	3475379	41.811	ng/ul#	79
80) Benzo(a)anthracene	21.89	228	1169914	14.063	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.77	149	474325	9.529	ng/ul#	94
82) Chrysene	21.94	228	931705	11.963	ng/ul	98
85) Benzo(b)fluoranthene	23.63	252	750030	8.231	ng/ul#	95
86) Benzo(k)fluoranthene	23.68	252	257328m	2.937	ng/ul	
88) Benzo(a)pyrene	24.28	252	460032	5.322	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.95	276	175898	1.682	ng/ul#	89
91) Benzo(g,h,i)perylene	27.75	276	142175	1.653	ng/ul#	88

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

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