Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014787.D
Acq On : 23 Apr 2018 21:51
Operator : SJ/JU
Sample : J2431-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP0

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:30 PM

Quant Time: Apr 24 18:19:45 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	326140	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1368723	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	714316	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1507255	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1516722	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1584177	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	43412	5.81	ng/uL	0.00
5) Phenol-d5	7.65	99	775359	30.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	527084	32.60	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	646237	30.64	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	575289	28.61	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	302935	30.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	317214	32.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	564785	28.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	822811	41.63	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1720862	30.86	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2055861	29.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	210767	20.37	ng/ul	0.00
57) Fluorene-d10	16.10	176	1463724	30.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	146873	18.01	ng/ul	0.00
70) Anthracene-d10	17.94	188	2135346	30.40	ng/ul	0.00
76) Pyrene-d10	20.17	212	2286478	31.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	2561701	32.91	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.99	142	98613	2.129	ng/ul	100
40) 1,1'-Biphenyl	13.97	154	101391	1.765	ng/ul#	97
44) Dimethylphthalate	14.56	163	345306	6.406	ng/ul	99
49) Acenaphthene	15.19	153	566330	11.946	ng/ul	99
53) Dibenzofuran	15.52	168	801512	12.175	ng/ul	99
58) Fluorene	16.16	166	1137620	21.401	ng/ul	99
69) Phenanthrene	17.89	178	6991263	86.369	ng/ul	99
71) Anthracene	17.97	178	1182936	14.400	ng/ul	98
74) Fluoranthene	19.84	202	4049702	45.888	ng/ul#	82
77) Pyrene	20.20	202	2881145	32.512	ng/ul#	80
80) Benzo(a)anthracene	21.91	228	910887	10.270	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.79	149	319379	6.018	ng/ul#	95
82) Chrysene	21.96	228	761115	9.167	ng/ul	98
85) Benzo(b)fluoranthene	23.66	252	519910	5.567	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	205023m	2.283	ng/ul	
88) Benzo(a)pyrene	24.31	252	354140	3.998	ng/ul#	96

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

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