Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007231.D
Acq On : 19 Aug 2016 11:30
Operator : UM/SJ
Sample : H4445-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5N29

Manual Integrations APPROVED
sohil
8/19/2016 6:41:44 PM

Quant Time: Aug 19 13:16:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 09:10:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	255641	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1004656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	566558	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1343657	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1576922	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1627292	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	13577	2.32	ng/uL	0.00
5) Phenol-d5	6.97	99	349285	16.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	210347	17.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	277194	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	287929	16.90	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	125878	17.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	132402	16.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	288539	17.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	296385	15.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	926604	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1148574	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	134236	16.00	ng/ul	0.00
57) Fluorene-d10	15.43	176	840979	20.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	80068	10.78	ng/ul	0.00
70) Anthracene-d10	17.27	188	1400486	22.50	ng/ul	0.00
76) Pyrene-d10	19.57	212	1678075	25.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1730830	23.25	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.89	163	310235	6.63	ng/ul	99
47) Acenaphthylene	14.16	152	171371	2.96	ng/ul#	97
69) Phenanthrene	17.22	178	356557	4.93	ng/ul	97
71) Anthracene	17.31	178	207907	2.80	ng/ul	98
74) Fluoranthene	19.23	202	2120254	24.19	ng/ul	100
77) Pyrene	19.60	202	1919078	22.01	ng/ul	99
80) Benzo(a)anthracene	21.34	228	1292568	13.87	ng/ul	97
82) Chrysene	21.40	228	1039435	12.21	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	1664097	16.97	ng/ul	96
86) Benzo(k)fluoranthene	22.99	252	555366m	6.03	ng/ul	
88) Benzo(a)pyrene	23.53	252	1031302	11.10	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	671431	5.90	ng/ul	98
90) Dibenzo(a,h)anthracene	25.94	278	193940	2.03	ng/ul#	95
91) Benzo(g,h,i)perylene	26.63	276	577653	6.00	ng/ul	98

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

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