Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
Data File : BM022764.D
Acq On : 24 Sep 2019 23:53
Operator : JU
Sample : K4980-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:42 AM

Quant Time: Sep 30 07:31:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	253890	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	983446	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	568312	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	1115127	20.00	ng	0.00
76) Chrysene-d12	21.37	240	852348	20.00	ng	-0.01
87) Perylene-d12	23.64	264	989716	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1718366	107.34	ng	0.00
7) Phenol-d6	6.99	99	2344760	114.04	ng	0.00
23) Nitrobenzene-d5	8.97	82	1328978	75.01	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	821056	115.73	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	3151493	76.36	ng	0.00
79) Terphenyl-d14	19.82	244	3972235	90.24	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.17	152	106325	2.048	ng	100
50) Dimethylphthalate	13.91	163	311470	7.584	ng	100
71) Phenanthrene	17.23	178	189909	3.018	ng	99
75) Fluoranthene	19.24	202	306948	4.323	ng	99
78) Pyrene	19.61	202	433153	7.755	ng	100
81) Benzo(a)anthracene	21.35	228	214050	3.875	ng	93
83) Chrysene	21.40	228	207435	3.873	ng	97
88) Benzo(b)fluoranthene	22.96	252	255830m	4.269	ng	
90) Benzo(a)pyrene	23.54	252	203413	3.684	ng	97
92) Benzo(g,h,i)perylene	26.65	276	144041	2.626	ng	98

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

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