Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000300.D
Acq On : 18 Sep 2019 16:25
Operator : HP/JU
Sample : K4938-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MG-TRENCH-1-SOIL

Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:05 AM

Quant Time: Sep 19 04:11:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250410	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	931526	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	523130	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	988025	20.00	ng	0.00
76) Chrysene-d12	13.99	240	779907	20.00	ng	0.00
87) Perylene-d12	15.47	264	877366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1348459	92.96	ng	0.00
7) Phenol-d6	6.43	99	1735793	97.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	981265	67.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	611910	117.93	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2264376	77.90	ng	0.00
79) Terphenyl-d14	12.93	244	2677279	72.02	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	47382	2.346	ng	89
50) Dimethylphthalate	9.54	163	263655	7.397	ng	100
52) Acenaphthene	9.86	154	88560	3.075	ng	100
58) Fluorene	10.38	166	112073	3.564	ng	99
71) Phenanthrene	11.35	178	2140720	43.236	ng	100
72) Anthracene	11.40	178	525701	10.315	ng	98
73) Carbazole	11.56	167	314747	6.858	ng	98
75) Fluoranthene	12.56	202	3135106	58.968	ng	96
78) Pyrene	12.79	202	2695767	46.200	ng	100
81) Benzo(a)anthracene	13.98	228	1527518	31.006	ng	99
83) Chrysene	14.02	228	1293765	26.747	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	716865m	12.158	ng	
88) Benzo(b)fluoranthene	15.05	252	1639597m	31.326	ng	
89) Benzo(k)fluoranthene	15.07	252	487228m	10.672	ng	
90) Benzo(a)pyrene	15.41	252	1095048	22.993	ng	97
91) Dibenzo(a,h)anthracene	16.96	278	206275	4.646	ng	95
92) Benzo(g,h,i)perylene	17.40	276	689495	15.107	ng	96

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

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