Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135541.D
Acq On : 02 Oct 2023 22:29
Operator : CG\JU
Sample : 04686-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

Quant Time: Oct 03 02:59:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 30 00:12:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	101933	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	197735	20.000	ng	# 0.01
39) Acenaphthene-d10	9.816	164	98327	20.000	ng	0.03
64) Phenanthrene-d10	11.304	188	188378	20.000	ng	# 0.03
76) Chrysene-d12	13.933	240	268251	20.000	ng	0.00
86) Perylene-d12	15.398	264	211530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	558500	89.114	ng	0.00
7) Phenol-d6	6.393	99	589173	73.932	ng	-0.01
23) Nitrobenzene-d5	7.310	82	324591	89.184	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	67222	68.795	ng	0.03
45) 2-Fluorobiphenyl	9.122	172	291427	44.716	ng	0.01
79) Terphenyl-d14	12.874	244	569218	32.894	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.057	128	557021	57.979	ng	# 92
37) 2-Methylnaphthalene	8.769	142	1657801	256.704	ng	99
38) 1-Methylnaphthalene	8.869	142	983729	162.701	ng	98
46) 1,1'-Biphenyl	9.228	154	92500	12.241	ng	95
52) Acenaphthene	9.845	154	105392	19.580	ng	# 88
58) Fluorene	10.363	166	202477	32.066	ng	# 84
71) Phenanthrene	11.328	178	708809	79.557	ng	# 95
72) Anthracene	11.380	178	79635	8.696	ng	# 66
75) Fluoranthene	12.510	202	226228	24.369	ng	94
78) Pyrene	12.739	202	283898	11.116	ng	97
81) Benzo(a)anthracene	13.921	228	112382	6.488	ng	97
83) Chrysene	13.957	228	102416	5.947	ng	97
88) Benzo(b)fluoranthene	14.974	252	90944m	7.942	ng	
90) Benzo(a)pyrene	15.333	252	54603	5.000	ng	# 91

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

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