Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142376.D
Acq On : 14 May 2025 20:08
Operator : RC/JU
Sample : Q2001-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-07-C

Quant Time: May 15 01:04:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	199865	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	707145	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	459545	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	871277	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	591876	20.000	ng	0.00
86) Perylene-d12	15.551	264	437970	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1262942	107.870	ng	0.02
7) Phenol-d6	6.522	99	1470755	102.136	ng	0.00
23) Nitrobenzene-d5	7.457	82	1040446	89.732	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	677433	152.684	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2266766	70.333	ng	0.00
79) Terphenyl-d14	13.016	244	2844452	71.131	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.222	128	9403570	274.378	ng	# 94
37) 2-Methylnaphthalene	8.898	142	1988781	93.387	ng	99
38) 1-Methylnaphthalene	8.998	142	1371527	61.791	ng	100
46) 1,1'-Biphenyl	9.357	154	267923	7.604	ng	99
49) Acenaphthylene	9.798	152	479691	10.943	ng	98
52) Acenaphthene	9.969	154	572085	21.705	ng	98
58) Fluorene	10.480	166	378460	12.749	ng	99
71) Phenanthrene	11.445	178	598524	13.105	ng	98
72) Anthracene	11.498	178	103034	2.196	ng	98
73) Carbazole	11.651	167	117304	2.786	ng	97

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

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