Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
Data File : BF139798.D
Acq On : 14 Oct 2024 19:52
Operator : RC/JU
Sample : P4364-02DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-2.5-3.0DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 15 01:13:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	84201	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	324056	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	175823	20.000	ng		-0.01
64) Phenanthrene-d10	11.386	188	290604	20.000	ng		0.00
76) Chrysene-d12	14.021	240	148177	20.000	ng		-0.01
86) Perylene-d12	15.498	264	165318	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	112045	23.064	ng		0.00
7) Phenol-d6	6.492	99	146834	22.476	ng		-0.01
23) Nitrobenzene-d5	7.422	82	90386	14.122	ng		-0.01
42) 2,4,6-Tribromophenol	10.686	330	30348	17.880	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	178651	15.599	ng		-0.01
79) Terphenyl-d14	12.963	244	129765	14.369	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.163	128	35785	2.160	ng		98
49) Acenaphthylene	9.757	152	39975	2.681	ng		96
58) Fluorene	10.445	166	40319	3.532	ng	#	97
71) Phenanthrene	11.410	178	343878	25.097	ng		99
72) Anthracene	11.457	178	59550	4.393	ng		98
75) Fluoranthene	12.598	202	284791	19.013	ng		100
78) Pyrene	12.827	202	341802	25.791	ng		99
81) Benzo(a)anthracene	14.016	228	125337m	12.866	ng		
83) Chrysene	14.051	228	102952	11.559	ng		97
87) Indeno(1,2,3-cd)pyrene	16.968	276	51375	5.280	ng		97
88) Benzo(b)fluoranthene	15.068	252	118154m	11.054	ng		
89) Benzo(k)fluoranthene	15.080	252	49181m	5.424	ng		
90) Benzo(a)pyrene	15.433	252	102252	12.132	ng		99
92) Benzo(g,h,i)perylene	17.415	276	62050	7.666	ng		98

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

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