Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135638.D
Acq On : 06 Oct 2023 20:01
Operator : CG\JU
Sample : 04622-02DL 100X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-4(0-5)DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 01:52:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	124367	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	463898	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	196689	20.000	ng	0.00
64) Phenanthrene-d10	11.268	188	309521	20.000	ng	0.00
76) Chrysene-d12	13.933	240	217524	20.000	ng	0.00
86) Perylene-d12	15.398	264	203198	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	5175	0.677	ng	0.05
7) Phenol-d6	6.434	99	7721	0.794	ng	0.05
23) Nitrobenzene-d5	7.322	82	5420	0.635	ng	0.01
42) 2,4,6-Tribromophenol	10.580	330	1339	0.685	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	12483	0.958	ng	0.00
79) Terphenyl-d14	12.863	244	9890	0.705	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.039	128	786164	34.880	ng	99
37) 2-Methylnaphthalene	8.733	142	212694	14.038	ng	100
38) 1-Methylnaphthalene	8.833	142	144002	10.152	ng	97
46) 1,1'-Biphenyl	9.198	154	55546	3.675	ng	97
49) Acenaphthylene	9.639	152	53334	2.926	ng	97
52) Acenaphthene	9.804	154	46046	4.277	ng	98
55) Dibenzofuran	9.980	168	133083	8.100	ng	98
58) Fluorene	10.327	166	192708	15.257	ng	97
71) Phenanthrene	11.292	178	720959	49.249	ng	99
72) Anthracene	11.345	178	197371	13.117	ng	99
73) Carbazole	11.510	167	51661	3.771	ng	98
75) Fluoranthene	12.492	202	528221	34.629	ng	99
78) Pyrene	12.721	202	477307	23.047	ng	99
81) Benzo(a)anthracene	13.921	228	221935	15.800	ng	98
83) Chrysene	13.957	228	174433	12.491	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	56136	4.213	ng	99
88) Benzo(b)fluoranthene	14.974	252	162674m	14.789	ng	
89) Benzo(k)fluoranthene	14.998	252	48788m	4.490	ng	
90) Benzo(a)pyrene	15.339	252	119387	11.381	ng	99
92) Benzo(g,h,i)perylene	17.339	276	52174	4.583	ng	95

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

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