Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055220.D
Acq On : 20 Oct 2022 13:43
Operator : CG/JU
Sample : N5172-01DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 20 15:36:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BU-02-101722DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	61469	20.000	ng	0.00
21) Naphthalene-d8	11.114	136	276434	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	161686	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	305392	20.000	ng	0.00
76) Chrysene-d12	21.913	240	255480	20.000	ng	0.00
86) Perylene-d12	25.326	264	268398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	44473	13.017	ng	0.00
7) Phenol-d6	7.418	99	60760	11.671	ng	0.00
23) Nitrobenzene-d5	9.451	82	38350	6.698	ng	-0.01
42) 2,4,6-Tribromophenol	16.372	330	16316	9.739	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	79593	7.863	ng	0.00
79) Terphenyl-d14	20.203	244	95361	6.955	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.166	128	214073	14.676	ng	99
37) 2-Methylnaphthalene	12.747	142	100177	9.029	ng	96
38) 1-Methylnaphthalene	12.964	142	79706	7.277	ng	99
46) 1,1'-Biphenyl	13.734	154	23606	2.062	ng	98
52) Acenaphthene	14.962	154	36788	3.832	ng	95
55) Dibenzofuran	15.291	168	100634	7.277	ng	98
58) Fluorene	15.937	166	165797	14.237	ng	98
71) Phenanthrene	17.677	178	886700	54.411	ng	98
72) Anthracene	17.765	178	141090	8.860	ng	99
73) Carbazole	18.023	167	74482	5.079	ng	98
75) Fluoranthene	19.662	202	646894	35.836	ng	100
78) Pyrene	20.021	202	586004	30.441	ng	99
81) Benzo(a)anthracene	21.895	228	277369	16.738	ng	98
83) Chrysene	21.960	228	226633m	14.685	ng	
87) Indeno(1,2,3-cd)pyrene	29.239	276	129937	6.961	ng #	89
88) Benzo(b)fluoranthene	24.234	252	256368	16.085	ng #	94
89) Benzo(k)fluoranthene	24.298	252	97065m	6.013	ng	
90) Benzo(a)pyrene	25.162	252	219595	16.052	ng #	92
91) Dibenzo(a,h)anthracene	29.292	278	37948	2.481	ng #	86
92) Benzo(g,h,i)perylene	30.467	276	130962	8.840	ng #	85

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

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