Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042595.D
Acq On : 04 Nov 2023 17:17
Operator : MA/JU
Sample : 05220-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 01:47:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	46590	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	169748	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	102762	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	237719	20.000	ng	# 0.00
76) Chrysene-d12	21.503	240	275025	20.000	ng	0.00
86) Perylene-d12	23.927	264	290889	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	363301	125.848	ng	0.01
7) Phenol-d6	7.081	99	462466	116.809	ng	0.00
23) Nitrobenzene-d5	9.116	82	323387	88.809	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	218139	162.591	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	663581	86.891	ng	0.00
79) Terphenyl-d14	19.933	244	1307511	80.612	ng	0.00
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	7.951	146	623919	183.250	ng	97
31) Naphthalene	10.786	128	62005	7.070	ng	99
37) 2-Methylnaphthalene	12.392	142	21009	3.401	ng	# 93
38) 1-Methylnaphthalene	12.610	142	19584	3.369	ng	# 97
49) Acenaphthylene	14.298	152	312526	32.746	ng	99
52) Acenaphthene	14.627	154	54937	9.485	ng	97
55) Dibenzofuran	14.962	168	79991	8.494	ng	97
58) Fluorene	15.615	166	98047	12.868	ng	97
71) Phenanthrene	17.362	178	939163	75.599	ng	100
72) Anthracene	17.456	178	551659	44.833	ng	100
73) Carbazole	17.745	167	52301	5.225	ng	94
75) Fluoranthene	19.386	202	2872183	196.820	ng	97
78) Pyrene	19.750	202	2935575	155.445	ng	98
81) Benzo(a)anthracene	21.491	228	1586918	90.689	ng	97
83) Chrysene	21.544	228	1317738	74.135	ng	96
84) Bis(2-ethylhexyl)phtha...	21.362	149	40961	3.360	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.468	276	743206	42.928	ng	# 90
88) Benzo(b)fluoranthene	23.185	252	1549433	95.608	ng	97
89) Benzo(k)fluoranthene	23.227	252	527033m	29.185	ng	
90) Benzo(a)pyrene	23.827	252	1274160m	79.859	ng	
91) Dibenzo(a,h)anthracene	26.473	278	205372	15.880	ng	93
92) Benzo(g,h,i)perylene	27.268	276	730284	47.859	ng	# 93

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

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