Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042469.D
Acq On : 27 Oct 2023 01:19
Operator : MA/JU
Sample : 05011-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RBR-200027

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 27 02:06:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	190021	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	712076	20.000	ng		-0.01
39) Acenaphthene-d10	14.645	164	295363	20.000	ng		0.00
64) Phenanthrene-d10	17.421	188	275360	20.000	ng		# 0.02
76) Chrysene-d12	21.580	240	475067	20.000	ng		0.00
86) Perylene-d12	24.038	264	583080	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	453343	33.718	ng		0.00
7) Phenol-d6	7.145	99	585439	32.492	ng		0.00
23) Nitrobenzene-d5	9.186	82	387456	24.061	ng		-0.01
42) 2,4,6-Tribromophenol	16.151	330	95854	36.540	ng		0.01
45) 2-Fluorobiphenyl	13.257	172	664982	30.318	ng		-0.01
79) Terphenyl-d14	20.021	244	490509	18.311	ng		0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.469	142	84088	3.415	ng		97
38) 1-Methylnaphthalene	12.469	142	84088	3.646	ng		99
52) Acenaphthene	14.710	154	96358	5.743	ng	#	82
55) Dibenzofuran	15.045	168	322981	12.170	ng	#	87
58) Fluorene	15.704	166	314265	15.007	ng	#	86
71) Phenanthrene	17.468	178	1707670	113.999	ng	#	94
72) Anthracene	17.556	178	283716	19.124	ng	#	71
73) Carbazole	17.833	167	130534	9.379	ng	#	35
75) Fluoranthene	19.480	202	1045411	63.367	ng		90
78) Pyrene	19.845	202	803034	24.190	ng	#	92
81) Benzo(a)anthracene	21.568	228	359976	11.303	ng	#	94
83) Chrysene	21.621	228	440008	14.385	ng	#	93
84) Bis(2-ethylhexyl)phtha...	21.433	149	233742	13.528	ng	#	84
85) Di-n-octyl phthalate	22.380	149	89608	6.435	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.609	276	132961	3.120	ng	#	92
88) Benzo(b)fluoranthene	23.280	252	376343	10.723	ng	#	93
89) Benzo(k)fluoranthene	23.321	252	130630m	3.585	ng		
90) Benzo(a)pyrene	23.927	252	195636	5.791	ng	#	95
92) Benzo(g,h,i)perylene	27.421	276	126074	3.664	ng		94

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

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