Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042431.D
Acq On : 24 Oct 2023 22:09
Operator : MA/JU
Sample : 04841-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
M-3(0-5)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 02:14:56 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	7.998	152	129343	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	532629	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	332386	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	691173	20.000	ng		0.00
76) Chrysene-d12	21.580	240	532659	20.000	ng		0.00
86) Perylene-d12	24.050	264	609682	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	422033	46.115	ng		0.00
7) Phenol-d6	7.145	99	551739	44.987	ng		0.00
23) Nitrobenzene-d5	9.192	82	345840	28.712	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	195778	58.785	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	703736	28.511	ng		0.00
79) Terphenyl-d14	20.009	244	905470	30.148	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.869	128	237055	8.665	ng		100
37) 2-Methylnaphthalene	12.469	142	75235	4.085	ng		96
38) 1-Methylnaphthalene	12.692	142	736133	42.667	ng		98
49) Acenaphthylene	14.374	152	2438426	78.076	ng		99
52) Acenaphthene	14.704	154	377489	19.992	ng		99
55) Dibenzofuran	15.039	168	350015	11.720	ng		98
58) Fluorene	15.692	166	1109716	47.089	ng		99
71) Phenanthrene	17.451	178	8624219	229.367	ng		99
72) Anthracene	17.533	178	3168722	85.093	ng		99
75) Fluoranthene	19.456	202	5488359	132.535	ng		96
78) Pyrene	19.827	202	7747211	208.136	ng		99
81) Benzo(a)anthracene	21.568	228	3532854	98.936	ng		92
83) Chrysene	21.621	228	3039212	88.616	ng		95
87) Indeno(1,2,3-cd)pyrene	26.650	276	1368238	30.709	ng	#	91
88) Benzo(b)fluoranthene	23.297	252	2792838m	76.103	ng		
89) Benzo(k)fluoranthene	23.338	252	864278m	22.684	ng		
90) Benzo(a)pyrene	23.950	252	3032546m	85.853	ng		
91) Dibenzo(a,h)anthracene	26.656	278	438433	11.835	ng	#	74
92) Benzo(g,h,i)perylene	27.468	276	1476032	41.028	ng		93

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

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