Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041227.D
Acq On : 01 Aug 2023 16:32
Operator : MA/JU
Sample : 03768-01DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FL-1DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Quant Time: Aug 02 01:55:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 16:29:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	128079	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	493881	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	302360	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	675379	20.000	ng		0.00
76) Chrysene-d12	21.427	240	626985	20.000	ng		0.00
86) Perylene-d12	23.803	264	704399	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	68910	8.041	ng		0.01
7) Phenol-d6	6.987	99	86550	7.792	ng		0.01
23) Nitrobenzene-d5	8.980	82	51005	4.803	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	36687	8.578	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	124912	5.219	ng		0.00
79) Terphenyl-d14	19.862	244	202472	5.839	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.657	128	261265	9.748	ng		99
37) 2-Methylnaphthalene	12.280	142	75700	4.190	ng		97
38) 1-Methylnaphthalene	12.498	142	49643	2.936	ng		99
52) Acenaphthene	14.533	154	349636	19.646	ng		99
55) Dibenzofuran	14.868	168	227870	7.848	ng		99
58) Fluorene	15.521	166	318250	13.894	ng		99
71) Phenanthrene	17.274	178	2883694	76.848	ng		100
72) Anthracene	17.362	178	916317	24.690	ng		100
73) Carbazole	17.639	167	380673	11.333	ng		99
75) Fluoranthene	19.297	202	3367206	79.871	ng		99
78) Pyrene	19.662	202	2822644	64.376	ng		99
81) Benzo(a)anthracene	21.415	228	1429655	33.635	ng		98
83) Chrysene	21.468	228	1170383	28.468	ng		97
87) Indeno(1,2,3-cd)pyrene	26.256	276	630548	12.175	ng	#	93
88) Benzo(b)fluoranthene	23.085	252	1450130	34.654	ng		97
89) Benzo(k)fluoranthene	23.127	252	473100m	11.053	ng		
90) Benzo(a)pyrene	23.697	252	1092608	27.174	ng		96
91) Dibenzo(a,h)anthracene	26.256	278	171595	3.972	ng	#	78
92) Benzo(g,h,i)perylene	27.009	276	572051	13.534	ng		94

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

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