

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102523\
 Data File : BM042451.D
 Acq On : 25 Oct 2023 23:21
 Operator : MA/JU
 Sample : 04841-02DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 26 00:51:34 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	121724	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	493791	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	294439	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	618923	20.000	ng	0.00
76) Chrysene-d12	21.568	240	518395	20.000	ng	-0.01
86) Perylene-d12	24.033	264	578183	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	92304	10.717	ng	0.00
7) Phenol-d6	7.145	99	117996	10.223	ng	0.00
23) Nitrobenzene-d5	9.186	82	71116	6.369	ng	-0.01
42) 2,4,6-Tribromophenol	16.133	330	36942	19.796	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	151861	6.945	ng	-0.01
79) Terphenyl-d14	19.998	244	217639	7.446	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.863	128	52328	2.063	ng	100
38) 1-Methylnaphthalene	12.686	142	159875	9.995	ng	99
49) Acenaphthylene	14.368	152	525417	18.991	ng	100
52) Acenaphthene	14.704	154	79712	4.766	ng	99
55) Dibenzofuran	15.033	168	72052	2.724	ng	99
58) Fluorene	15.686	166	227895	10.917	ng	98
71) Phenanthrene	17.433	178	2091597	62.121	ng	99
72) Anthracene	17.521	178	689047	20.664	ng	99
75) Fluoranthene	19.445	202	1365923	36.835	ng	97
78) Pyrene	19.809	202	2049182	56.568	ng	99
81) Benzo(a)anthracene	21.550	228	767541	22.086	ng	95
83) Chrysene	21.609	228	706715	21.173	ng	95
87) Indeno(1,2,3-cd)pyrene	26.609	276	306140	7.245	ng	# 91
88) Benzo(b)fluoranthene	23.274	252	640610m	18.407	ng	
89) Benzo(k)fluoranthene	23.315	252	178222m	4.932	ng	
90) Benzo(a)pyrene	23.921	252	664115	19.826	ng	98
91) Dibenzo(a,h)anthracene	26.621	278	99716	2.838	ng	# 81
92) Benzo(g,h,i)perylene	27.421	276	331857	9.727	ng	93

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

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