

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
 Data File : BM041456.D
 Acq On : 21 Aug 2023 20:06
 Operator : MA/JU
 Sample : 04075-02DL 50X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NEVINS-SB04-Z23-24DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 03:38:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 03:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	136825	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	595026	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	417802	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1001171	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1009101	20.000	ng	0.00
86) Perylene-d12	23.721	264	928845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	11696	1.422	ng	0.01
7) Phenol-d6	6.975	99	11647m	1.043	ng	0.02
23) Nitrobenzene-d5	8.957	82	7246	0.581	ng	0.02
42) 2,4,6-Tribromophenol	15.933	330	1575	0.238	ng	0.01
45) 2-Fluorobiphenyl	13.039	172	25184	0.808	ng	0.00
79) Terphenyl-d14	19.815	244	48992	0.845	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.616	128	4207864	136.013	ng	100
37) 2-Methylnaphthalene	12.227	142	1197775	53.208	ng	99
38) 1-Methylnaphthalene	12.445	142	725925	34.133	ng	100
46) 1,1'-Biphenyl	13.245	154	166075	5.267	ng	99
49) Acenaphthylene	14.139	152	137176	3.493	ng	# 93
52) Acenaphthene	14.480	154	563002	23.970	ng	99
58) Fluorene	15.474	166	336325	10.655	ng	99
71) Phenanthrene	17.221	178	1736974	32.867	ng	100
72) Anthracene	17.309	178	442559	8.258	ng	100
75) Fluoranthene	19.245	202	738953	11.744	ng	99
78) Pyrene	19.609	202	1203246	16.673	ng	100
81) Benzo(a)anthracene	21.362	228	407851	5.919	ng	96
83) Chrysene	21.415	228	351724	5.370	ng	98
88) Benzo(b)fluoranthene	23.015	252	229750	4.150	ng	# 97
90) Benzo(a)pyrene	23.615	252	278722	5.287	ng	99
92) Benzo(g,h,i)perylene	26.868	276	100082	2.035	ng	96

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

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