

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024334.D
 Acq On : 17 Apr 2025 20:06
 Operator : RC/JU
 Sample : Q1818-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-3873

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/18/2025
 Supervised By :Jagrut Upadhyay 04/18/2025

Quant Time: Apr 17 23:50:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	258422	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1028995	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	599859	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1128207	20.000	ng	-0.02
76) Chrysene-d12	21.598	240	961433	20.000	ng	-0.02
86) Perylene-d12	24.945	264	1096618	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1390195	88.949	ng	0.00
7) Phenol-d6	6.910	99	1828294	85.431	ng	0.00
23) Nitrobenzene-d5	8.869	82	1072044	59.407	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	740333	89.204	ng	-0.02
45) 2-Fluorobiphenyl	12.963	172	2366307	60.399	ng	-0.02
79) Terphenyl-d14	19.880	244	3097957	64.948	ng	-0.04
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.157	142	114979	3.059	ng	98
38) 1-Methylnaphthalene	12.375	142	200095	5.441	ng	99
46) 1,1'-Biphenyl	13.181	154	145978	3.311	ng	99
52) Acenaphthene	14.416	154	739336	22.477	ng	99
55) Dibenzofuran	14.757	168	844183	15.701	ng	99
58) Fluorene	15.416	166	729455	17.526	ng	99
71) Phenanthrene	17.210	178	3925443	63.780	ng	100
72) Anthracene	17.304	178	355991	6.001	ng	100
75) Fluoranthene	19.292	202	3170265	43.310	ng	99
78) Pyrene	19.669	202	2322114	38.005	ng	98
81) Benzo(a)anthracene	21.580	228	590320	9.878	ng	99
83) Chrysene	21.639	228	425655m	7.435	ng	
84) Bis(2-ethylhexyl)phtha...	21.522	149	122377	3.190	ng	99
88) Benzo(b)fluoranthene	23.892	252	359988	5.477	ng	95
90) Benzo(a)pyrene	24.780	252	221124	3.900	ng	# 95

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

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