

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
 Data File : BN037152.D
 Acq On : 03 Jun 2025 17:41
 Operator : RC/JU
 Sample : Q2181-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-062624

Quant Time: Jun 04 02:47:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1726	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4746	0.400	ng	0.00
13) Acenaphthene-d10	14.245	164	2693	0.400	ng	0.01
19) Phenanthrene-d10	16.984	188	4905	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3958	0.400	ng	0.00
35) Perylene-d12	23.374	264	3402	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1488	0.349	ng	0.00
5) Phenol-d6	6.773	99	1874	0.362	ng	0.00
8) Nitrobenzene-d5	8.739	82	2000	0.399	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2574	0.390	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	296	0.273	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	4344	0.378	ng	0.00
27) Fluoranthene-d10	19.026	212	5165	0.414	ng	0.00
31) Terphenyl-d14	19.635	244	3468	0.372	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.426	128	1916960	139.998	ng	96
12) 2-Methylnaphthalene	12.047	142	724960	82.603	ng	97
16) Acenaphthylene	13.956	152	1626337	123.178	ng	100
17) Acenaphthene	14.309	154	1602919	186.976	ng	94
18) Fluorene	15.304	166	2228433	197.737	ng	97
25) Phenanthrene	17.033	178	388800	24.466	ng	100
26) Anthracene	17.133	178	3294514	227.200	ng	100
28) Fluoranthene	19.063	202	2023402	115.258	ng	99
30) Pyrene	19.421	202	1523102	78.833	ng	99
32) Benzo(a)anthracene	21.171	228	1535854	107.198	ng	99
33) Chrysene	21.224	228	1025267	64.274	ng	99
34) Bis(2-ethylhexyl)phtha...	21.117	149	565	0.063	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.617	276	2900718	214.315	ng	99
37) Benzo(b)fluoranthene	22.728	252	1250366	91.051	ng	# 88
38) Benzo(k)fluoranthene	22.778	252	2348043	167.474	ng	# 88
39) Benzo(a)pyrene	23.290	252	1221520	106.192	ng	# 82
40) Dibenzo(a,h)anthracene	25.623	278	1780212	170.556	ng	# 86
41) Benzo(g,h,i)perylene	26.280	276	1847070	154.066	ng	96

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

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