

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042925\
 Data File : BN036936.D
 Acq On : 29 Apr 2025 13:05
 Operator : RC/JU
 Sample : Q1870-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-010925

Quant Time: Apr 29 13:29:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1925	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	5445	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	3190	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	6294	0.400	ng	0.00
29) Chrysene-d12	21.225	240	6093	0.400	ng	0.00
35) Perylene-d12	23.427	264	4542	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1734	0.352	ng	0.00
5) Phenol-d6	6.810	99	2400	0.396	ng	0.00
8) Nitrobenzene-d5	8.782	82	2370	0.416	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	3196	0.420	ng	0.00
14) 2,4,6-Tribromophenol	15.768	330	303	0.213	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	6365	0.413	ng	0.00
27) Fluoranthene-d10	19.063	212	7536	0.462	ng	0.00
31) Terphenyl-d14	19.663	244	5329	0.371	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.458	128	916595	57.839	ng	98
12) 2-Methylnaphthalene	12.082	142	515219	50.291	ng	99
16) Acenaphthylene	13.999	152	3723039	238.798	ng	99
17) Acenaphthene	14.342	154	1522189	148.602	ng	95
18) Fluorene	15.325	166	299838	22.381	ng	99
25) Phenanthrene	17.071	178	1651033	79.476	ng	100
26) Anthracene	17.158	178	1384185	73.661	ng	100
28) Fluoranthene	19.101	202	4394407	188.748	ng	98
30) Pyrene	19.458	202	1714365	58.420	ng	98
32) Benzo(a)anthracene	21.216	228	4066087	181.199	ng	99
33) Chrysene	21.269	228	4265016	176.238	ng	98
36) Indeno(1,2,3-cd)pyrene	25.684	276	2815525	151.786	ng	95
37) Benzo(b)fluoranthene	22.781	252	2651471	138.833	ng	# 88
38) Benzo(k)fluoranthene	22.819	252	864365	45.004	ng	# 87
39) Benzo(a)pyrene	23.339	252	1407542	89.656	ng	# 81
40) Dibenzo(a,h)anthracene	25.684	278	699662	47.928	ng	# 88
41) Benzo(g,h,i)perylene	26.336	276	724777	44.737	ng	98

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

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