

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042925\
 Data File : BN036937.D
 Acq On : 29 Apr 2025 13:41
 Operator : RC/JU
 Sample : Q1870-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 38072-010925DL

Quant Time: Apr 29 14:14:18 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	2660	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	7273	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	4170	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	7996	0.400	ng	0.00
29) Chrysene-d12	21.216	240	7787	0.400	ng	0.00
35) Perylene-d12	23.427	264	5957	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	484	0.071	ng	0.00
5) Phenol-d6	6.809	99	596	0.071	ng	0.00
8) Nitrobenzene-d5	8.771	82	638	0.084	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	840	0.083	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	80	0.043	ng	0.01
15) 2-Fluorobiphenyl	12.899	172	1634	0.081	ng	0.00
27) Fluoranthene-d10	19.059	212	1819	0.088	ng	0.00
31) Terphenyl-d14	19.667	244	1294	0.070	ng	0.00
Target Compounds						
9) Naphthalene	10.458	128	245146	11.581	ng	97
12) 2-Methylnaphthalene	12.082	142	135057	9.870	ng	97
16) Acenaphthylene	13.989	152	983461	48.255	ng	99
17) Acenaphthene	14.342	154	392189	29.289	ng	97
18) Fluorene	15.325	166	71886	4.105	ng	99
25) Phenanthrene	17.058	178	419564	15.898	ng	100
26) Anthracene	17.158	178	344832	14.445	ng	100
28) Fluoranthene	19.091	202	1164278	39.363	ng	99
30) Pyrene	19.454	202	435369	11.609	ng	99
32) Benzo(a)anthracene	21.207	228	1030872	35.945	ng	99
33) Chrysene	21.260	228	1043139	33.727	ng	97
36) Indeno(1,2,3-cd)pyrene	25.652	276	739011	30.377	ng	97
37) Benzo(b)fluoranthene	22.766	252	710014	28.346	ng	# 88
38) Benzo(k)fluoranthene	22.810	252	229443	9.109	ng	# 87
39) Benzo(a)pyrene	23.331	252	364004	17.678	ng	# 81
40) Dibenzo(a,h)anthracene	25.661	278	178329	9.314	ng	# 90
41) Benzo(g,h,i)perylene	26.322	276	179719	8.458	ng	98

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

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