

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042925\
 Data File : BN036935.D
 Acq On : 29 Apr 2025 10:46
 Operator : RC/JU
 Sample : Q1502-21DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WPDL

Quant Time: Apr 29 11:12:43 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	2053	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	5233	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2878	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	5921	0.400	ng	0.00
29) Chrysene-d12	21.215	240	4587	0.400	ng	0.00
35) Perylene-d12	23.430	264	4061	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	372	0.071	ng	0.00
5) Phenol-d6	6.809	99	448	0.069	ng	0.00
8) Nitrobenzene-d5	8.792	82	399	0.073	ng	0.01
11) 2-Methylnaphthalene-d10	12.006	152	627	0.086	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	48	0.037	ng	0.01
15) 2-Fluorobiphenyl	12.904	172	1212	0.087	ng	0.00
27) Fluoranthene-d10	19.059	212	1360	0.089	ng	0.00
31) Terphenyl-d14	19.667	244	948	0.088	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.458	128	29566	1.941	ng	98
12) 2-Methylnaphthalene	12.082	142	18255	1.854	ng	99
16) Acenaphthylene	13.989	152	11895	0.846	ng	99
17) Acenaphthene	14.341	154	25846	2.797	ng	99
18) Fluorene	15.325	166	11300	0.935	ng	99
25) Phenanthrene	17.058	178	11522	0.590	ng	99
26) Anthracene	17.158	178	11149	0.631	ng	100
28) Fluoranthene	19.091	202	16121	0.736	ng	100
30) Pyrene	19.454	202	12216	0.553	ng	100
32) Benzo(a)anthracene	21.207	228	2922	0.173	ng	97
33) Chrysene	21.251	228	17449	0.958	ng	99
36) Indeno(1,2,3-cd)pyrene	25.646	276	11270	0.680	ng	95
37) Benzo(b)fluoranthene	22.766	252	13016	0.762	ng	93
38) Benzo(k)fluoranthene	22.810	252	4912	0.286	ng	98
39) Benzo(a)pyrene	23.331	252	5033	0.359	ng	98
40) Dibenzo(a,h)anthracene	25.661	278	3281	0.251	ng	94
41) Benzo(g,h,i)perylene	26.324	276	5823	0.402	ng	98

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

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