

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034044.D
 Acq On : 18 Sep 2024 20:26
 Operator : JU/RC
 Sample : P3845-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WP

Quant Time: Sep 19 02:18:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5896	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16928	0.400	ng	0.00
13) Acenaphthene-d10	14.080	164	9264	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	20315	0.400	ng	0.00
29) Chrysene-d12	21.060	240	14604	0.400	ng	0.00
35) Perylene-d12	23.187	264	12953	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	7019	0.419	ng	0.00
5) Phenol-d6	6.636	99	6293	0.323	ng	0.00
8) Nitrobenzene-d5	8.579	82	4518	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	10179	0.407	ng	0.00
14) 2,4,6-Tribromophenol	15.599	330	810	0.193	ng	0.01
15) 2-Fluorobiphenyl	12.700	172	16006	0.425	ng	0.00
27) Fluoranthene-d10	18.883	212	21764	0.425	ng	0.00
31) Terphenyl-d14	19.505	244	13552	0.465	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.244	128	364174	7.839	ng	98
12) 2-Methylnaphthalene	11.867	142	81862	2.708	ng	99
16) Acenaphthylene	13.791	152	574053	14.476	ng	100
17) Acenaphthene	14.144	154	246657	8.672	ng	98
18) Fluorene	15.138	166	271516	7.275	ng	100
25) Phenanthrene	16.877	178	277268	4.753	ng	100
26) Anthracene	16.964	178	215978	4.537	ng	100
28) Fluoranthene	18.911	202	319835	4.733	ng	100
30) Pyrene	19.278	202	185072	3.002	ng	100
32) Benzo(a)anthracene	21.042	228	29542	0.639	ng	99
33) Chrysene	21.095	228	56623	1.027	ng	99
36) Indeno(1,2,3-cd)pyrene	25.274	276	245513	4.423	ng	100
37) Benzo(b)fluoranthene	22.558	252	222419	4.383	ng	# 93
38) Benzo(k)fluoranthene	22.602	252	127830	2.400	ng	# 90
39) Benzo(a)pyrene	23.096	252	97448	2.356	ng	# 88
40) Dibenzo(a,h)anthracene	25.292	278	186305	4.321	ng	96
41) Benzo(g,h,i)perylene	25.909	276	61695	1.274	ng	99

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

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