

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
 Data File : BN037490.D
 Acq On : 14 Jul 2025 14:21
 Operator : RC/JU
 Sample : Q2580-02 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WC-URBAN-FILL-B2

Quant Time: Jul 14 15:03:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 15:38:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	2050	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5267	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2641	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4759	0.400	ng	0.00
29) Chrysene-d12	21.286	240	4632	0.400	ng	0.00
35) Perylene-d12	23.528	264	4958	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	225	0.047	ng	0.00
5) Phenol-d6	6.886	99	312	0.052	ng	0.00
8) Nitrobenzene-d5	8.864	82	151	0.039	ng	0.00
11) 2-Methylnaphthalene-d10	12.100	152	260	0.036	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	53	0.059	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	456	0.030	ng	0.00
27) Fluoranthene-d10	19.131	212	459	0.038	ng	0.00
31) Terphenyl-d14	19.735	244	458	0.047	ng	0.00
Target Compounds						
9) Naphthalene	10.562	128	38208	2.700	ng	97
12) 2-Methylnaphthalene	12.176	142	6473	0.730	ng	98
16) Acenaphthylene	14.077	152	12589	1.045	ng	99
17) Acenaphthene	14.419	154	19362	2.396	ng	95
18) Fluorene	15.403	166	21768	2.144	ng	99
24) Pentachlorophenol	16.751	266	104	0.074	ng	# 89
25) Phenanthrene	17.136	178	240376	16.588	ng	100
26) Anthracene	17.223	178	68350m	5.227	ng	
28) Fluoranthene	19.159	202	249627	15.698	ng	99
30) Pyrene	19.522	202	223187	11.985	ng	# 95
32) Benzo(a)anthracene	21.268	228	112590	7.178	ng	98
33) Chrysene	21.321	228	89352	5.211	ng	98
34) Bis(2-ethylhexyl)phtha...	21.223	149	1225	0.230	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.797	276	66542	3.458	ng	97
37) Benzo(b)fluoranthene	22.858	252	124144m	6.439	ng	
38) Benzo(k)fluoranthene	22.896	252	46187m	2.363	ng	
39) Benzo(a)pyrene	23.428	252	99045m	6.383	ng	
40) Dibenzo(a,h)anthracene	25.808	278	15659	1.009	ng	92
41) Benzo(g,h,i)perylene	26.486	276	75545	4.443	ng	93

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

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