

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
 Data File : BN037014.D
 Acq On : 14 May 2025 15:48
 Operator : RC/JU
 Sample : Q1872-13DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 HW0425-PT-PAH-SOILD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/15/2025
 Supervised By :Jagrut Upadhyay 05/15/2025

Quant Time: May 14 16:13:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2217	0.40	ng	0.00
7) Naphthalene-d8	10.394	136	6524	0.40	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3844	0.40	ng	0.00
19) Phenanthrene-d10	17.009	188	7555	0.40	ng	0.00
29) Chrysene-d12	21.206	240	6828	0.40	ng	0.00
35) Perylene-d12	23.415	264	6318	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	152	0.03	ng	0.00
5) Phenol-d6	6.788	99	202	0.03	ng	0.00
8) Nitrobenzene-d5	8.771	82	167	0.02	ng	0.00
11) 2-Methylnaphthalene-d10	11.991	152	274	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	43	0.03	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	446	0.03	ng	0.00
27) Fluoranthene-d10	19.049	212	647	0.03	ng	0.00
31) Terphenyl-d14	19.653	244	493	0.03	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.447	128	5349	0.28	ng	99
12) 2-Methylnaphthalene	12.067	142	7989	0.64	ng	97
16) Acenaphthylene	13.978	152	25111	1.34	ng	100
17) Acenaphthene	14.320	154	11699	0.96	ng	98
18) Fluorene	15.314	166	8614	0.54	ng	100
25) Phenanthrene	17.046	178	6724	0.27	ng	99
26) Anthracene	17.145	178	5812	0.26	ng	100
28) Fluoranthene	19.077	202	12683	0.43	ng	99
30) Pyrene	19.444	202	21776	0.75	ng	100
32) Benzo(a)anthracene	21.197	228	3185	0.12	ng	95
33) Chrysene	21.242	228	20196	0.74	ng	98
34) Bis(2-ethylhexyl)phtha...	21.135	149	933	0.06	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.628	276	9550	0.37	ng	# 91
37) Benzo(b)fluoranthene	22.754	252	13577	0.52	ng	98
38) Benzo(k)fluoranthene	22.798	252	13383m	0.52	ng	
39) Benzo(a)pyrene	23.319	252	13061	0.59	ng	# 92
40) Dibenzo(a,h)anthracene	25.640	278	13232	0.66	ng	95
41) Benzo(g,h,i)perylene	26.301	276	4514	0.21	ng	96

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

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