

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
 Data File : BN037013.D
 Acq On : 14 May 2025 14:46
 Operator : RC/JU
 Sample : Q1872-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: May 14 15:18:26 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	2096	0.40	ng	0.00
7) Naphthalene-d8	10.393	136	6097	0.40	ng	#-0.01
13) Acenaphthene-d10	14.256	164	3702	0.40	ng	-0.01
19) Phenanthrene-d10	17.009	188	7619	0.40	ng	# 0.00
29) Chrysene-d12	21.206	240	7847	0.40	ng	0.00
35) Perylene-d12	23.412	264	7344	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1363	0.25	ng	0.00
5) Phenol-d6	6.788	99	1874	0.27	ng	0.00
8) Nitrobenzene-d5	8.760	82	1682	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2460	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	409	0.25	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4150	0.24	ng	-0.01
27) Fluoranthene-d10	19.049	212	7139	0.34	ng	0.00
31) Terphenyl-d14	19.653	244	5177	0.31	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.436	128	49280	2.74	ng	97
12) 2-Methylnaphthalene	12.062	142	76389	6.59	ng	99
16) Acenaphthylene	13.978	152	262125	14.55	ng	100
17) Acenaphthene	14.320	154	115342	9.80	ng	98
18) Fluorene	15.314	166	88886	5.75	ng	99
25) Phenanthrene	17.046	178	68599	2.75	ng	100
26) Anthracene	17.145	178	65623	2.90	ng	100
28) Fluoranthene	19.077	202	142969	4.81	ng	99
30) Pyrene	19.440	202	245073	7.30	ng	100
32) Benzo(a)anthracene	21.188	228	38038	1.29	ng	99
33) Chrysene	21.242	228	233087	7.46	ng	98
34) Bis(2-ethylhexyl)phtha...	21.135	149	10564	0.58	ng	99
36) Indeno(1,2,3-cd)pyrene	25.625	276	111106	3.70	ng	# 88
37) Benzo(b)fluoranthene	22.752	252	158909m	5.22	ng	
38) Benzo(k)fluoranthene	22.795	252	147983	4.92	ng	92
39) Benzo(a)pyrene	23.316	252	151426	5.86	ng	# 81
40) Dibenzo(a,h)anthracene	25.637	278	155978	6.68	ng	# 92
41) Benzo(g,h,i)perylene	26.298	276	51432	2.03	ng	98

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

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