

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111424\
 Data File : BN035086.D
 Acq On : 14 Nov 2024 13:22
 Operator : RC/JU
 Sample : P4495-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: Nov 14 13:51:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 17:18:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	3754	0.400	ng	0.00
7) Naphthalene-d8	10.308	136	10271	0.400	ng	#-0.01
13) Acenaphthene-d10	14.186	164	7900	0.400	ng	0.00
19) Phenanthrene-d10	16.939	188	19410	0.400	ng	0.00
29) Chrysene-d12	21.140	240	20657	0.400	ng	# 0.00
35) Perylene-d12	23.301	264	18894	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	3074	0.323	ng	0.00
5) Phenol-d6	6.737	99	4280	0.358	ng	0.00
8) Nitrobenzene-d5	8.685	82	2617	0.293	ng	-0.01
11) 2-Methylnaphthalene-d10	11.912	152	4536	0.248	ng	0.00
14) 2,4,6-Tribromophenol	15.686	330	1323	0.232	ng	0.00
15) 2-Fluorobiphenyl	12.807	172	9035	0.282	ng	0.00
27) Fluoranthene-d10	18.976	212	16359	0.275	ng	0.00
31) Terphenyl-d14	19.584	244	13939	0.322	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.362	128	127058	4.738	ng	97
12) 2-Methylnaphthalene	11.984	142	101061	5.108	ng	99
16) Acenaphthylene	13.898	152	78653	2.330	ng	100
17) Acenaphthene	14.250	154	187057	8.454	ng	98
18) Fluorene	15.245	166	112723	3.463	ng	99
25) Phenanthrene	16.977	178	410639	8.039	ng	99
26) Anthracene	17.064	178	572114	12.194	ng	99
28) Fluoranthene	19.004	202	290131	4.130	ng	100
30) Pyrene	19.366	202	361798	5.259	ng	100
32) Benzo(a)anthracene	21.122	228	427505	5.943	ng	100
33) Chrysene	21.176	228	337891	4.742	ng	99
34) Bis(2-ethylhexyl)phtha...	21.077	149	66373	1.759	ng	98
36) Indeno(1,2,3-cd)pyrene	25.455	276	207176	2.749	ng	99
37) Benzo(b)fluoranthene	22.660	252	388820	6.116	ng	96
38) Benzo(k)fluoranthene	22.701	252	191270	3.007	ng	96
39) Benzo(a)pyrene	23.210	252	339348	6.067	ng	# 94
40) Dibenzo(a,h)anthracene	25.470	278	216242	3.621	ng	99
41) Benzo(g,h,i)perylene	26.110	276	70521	1.110	ng	98

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

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