

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
 Data File : BN028498.D
 Acq On : 08 Nov 2023 13:40
 Operator : MA/JU
 Sample : 05047-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/09/2023

Quant Time: Nov 08 14:11:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 00:27:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	8661	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	28119	0.400	ng	#-0.01
13) Acenaphthene-d10	14.353	164	16851	0.400	ng	-0.01
19) Phenanthrene-d10	17.109	188	38101	0.400	ng	0.00
29) Chrysene-d12	21.329	240	32209	0.400	ng	0.00
35) Perylene-d12	23.640	264	31623	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	7631	0.295	ng	0.00
5) Phenol-d6	6.879	99	10482	0.315	ng	0.00
8) Nitrobenzene-d5	8.854	82	6156	0.245	ng	-0.01
11) 2-Methylnaphthalene-d10	12.098	152	14235	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	2391	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	19960	0.270	ng	0.00
27) Fluoranthene-d10	19.148	212	37144	0.319	ng	0.00
31) Terphenyl-d14	19.761	244	24874	0.291	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.552	128	695294	7.920	ng	99
12) 2-Methylnaphthalene	12.170	142	173838	2.890	ng	99
16) Acenaphthylene	14.075	152	1388696	15.669	ng	100
17) Acenaphthene	14.418	154	273178	4.624	ng	98
18) Fluorene	15.412	166	569020	6.813	ng	100
25) Phenanthrene	17.146	178	1518916	12.020	ng	100
26) Anthracene	17.233	178	468867	4.049	ng	100
28) Fluoranthene	19.181	202	427918	2.825	ng	100
30) Pyrene	19.548	202	582898	3.800	ng	99
32) Benzo(a)anthracene	21.311	228	302930	2.250	ng	100
33) Chrysene	21.365	228	311521	2.317	ng	99
36) Indeno(1,2,3-cd)pyrene	26.017	276	520820	4.083	ng	95
37) Benzo(b)fluoranthene	22.942	252	1116330m	8.566	ng	
38) Benzo(k)fluoranthene	22.985	252	441011	3.467	ng	97
39) Benzo(a)pyrene	23.538	252	482914	4.336	ng	# 94
40) Dibenzo(a,h)anthracene	26.041	278	654570	6.583	ng	# 92
41) Benzo(g,h,i)perylene	26.748	276	817683	7.423	ng	98

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

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