

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111021\
 Data File : BN017380.D
 Acq On : 10 Nov 2021 11:42
 Operator : CG/JU
 Sample : M4386-14DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOILD

Quant Time: Nov 10 12:20:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	26012	0.400	ng	0.00
7) Naphthalene-d8	10.307	136	125905	0.400	ng	# 0.00
13) Acenaphthene-d10	14.181	164	68110	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	132241	0.400	ng	0.00
29) Chrysene-d12	21.144	240	125752	0.400	ng	0.01
35) Perylene-d12	23.335	264	108885	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	3983	0.066	ng	0.00
5) Phenol-d6	6.731	99	4233	0.064	ng	0.00
8) Nitrobenzene-d5	8.684	82	4581	0.061	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	12340	0.067	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	1142	0.045	ng	0.01
15) 2-Fluorobiphenyl	12.798	172	15709	0.061	ng	0.00
27) Fluoranthene-d10	18.975	212	26666	0.079	ng	0.00
31) Terphenyl-d14	19.590	244	21479	0.077	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.357	128	1017508	3.067	ng	99
12) 2-Methylnaphthalene	11.982	142	164560	0.754	ng	99
16) Acenaphthylene	13.902	152	517441	1.864	ng	100
17) Acenaphthene	14.245	154	381711	1.996	ng	98
18) Fluorene	15.234	166	177554	0.778	ng	100
25) Phenanthrene	16.970	178	719119	1.898	ng	100
26) Anthracene	17.068	178	392870	1.245	ng	100
28) Fluoranthene	19.005	202	275221	0.673	ng	99
30) Pyrene	19.367	202	268818	0.662	ng	100
32) Benzo(a)anthracene	21.123	228	593465	1.555	ng	100
33) Chrysene	21.176	228	476827	1.174	ng	99
34) Bis(2-ethylhexyl)phtha...	21.080	149	12152	0.090	ng	98
36) Indeno(1,2,3-cd)pyrene	25.550	276	138854	0.364	ng	96
37) Benzo(b)fluoranthene	22.681	252	255155	0.717	ng	99
38) Benzo(k)fluoranthene	22.723	252	234578	0.659	ng	# 96
39) Benzo(a)pyrene	23.239	252	396615	1.259	ng	99
40) Dibenzo(a,h)anthracene	25.567	278	154181	0.503	ng	99
41) Benzo(g,h,i)perylene	26.221	276	91593	0.277	ng	99

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

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