

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
 Data File : BN010712.D
 Acq On : 14 May 2020 14:18
 Operator : CG/JU
 Sample : L2447-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: May 14 17:00:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:56:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3130	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12145	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	7485	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	16573	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	16338	0.40	ng	0.00
34) Perylene-d12	23.31	264	16592	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	960	0.16	ng	0.00
5) Phenol-d6	6.78	99	1232	0.16	ng	0.00
8) Nitrobenzene-d5	8.72	82	1471	0.17	ng	0.01
11) 2-Methylnaphthalene-d10	11.92	152	3384	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	570	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.82	172	5106	0.19	ng	0.00
25) Fluoranthene-d10	18.98	212	14068	0.31	ng	0.00
29) Terphenyl-d14	19.59	244	11038	0.28	ng	0.00

Target Compounds				Qvalue		
9) Naphthalene	10.38	128	87393	2.860	ng	98
12) 2-Methylnaphthalene	12.00	142	93469	4.341	ng	98
16) Acenaphthylene	13.91	152	72125	2.359	ng	100
17) Acenaphthene	14.26	154	173697	8.408	ng	99
18) Fluorene	15.25	166	87308	3.225	ng	100
23) Phenanthrene	16.99	178	255290	5.744	ng	100
24) Anthracene	17.08	178	401794	10.756	ng	99
26) Fluoranthene	19.01	202	371345	7.353	ng	99
28) Pyrene	19.38	202	300933	5.138	ng	100
30) Benzo(a)anthracene	21.13	228	150848	3.165	ng	99
31) Chrysene	21.19	228	378280	7.011	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	7996	0.383	ng	97
33) Indeno(1,2,3-cd)pyrene	25.44	276	152652	3.181	ng	97
35) Benzo(b)fluoranthene	22.67	252	293265m	5.347	ng	
36) Benzo(k)fluoranthene	22.71	252	155312	2.629	ng	94
37) Benzo(a)pyrene	23.22	252	59731	1.258	ng	# 85
38) Dibenzo(a,h)anthracene	25.45	278	121810	3.003	ng	# 90
39) Benzo(a,h,i)perylene	26.09	276	357654	7.518	ng	97

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

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