

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110520\
 Data File : BN012504.D
 Acq On : 05 Nov 2020 17:01
 Operator : CG/JU
 Sample : L4548-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Manual Integrations
 APPROVED

mohammad
 11/6/2020 10:33:18 AM

Quant Time: Nov 06 00:56:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 05:46:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.489	152	937	0.40	ng	0.00
7) Naphthalene-d8	10.250	136	3970	0.40	ng	# 0.00
13) Acenaphthene-d10	14.128	164	2168	0.40	ng	-0.01
19) Phenanthrene-d10	16.883	188	4439	0.40	ng	# 0.00
29) Chrysene-d12	21.089	240	4822	0.40	ng	#-0.01
36) Perylene-d12	23.220	264	5400	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.098	112	928	0.28	ng	0.00
5) Phenol-d6	6.668	99	1222	0.32	ng	0.00
8) Nitrobenzene-d5	8.640	82	1653	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.851	152	2049	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.638	330	469	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.745	172	3241	0.38	ng	-0.01
27) Fluoranthene-d10	18.923	212	4664	0.34	ng	0.00
31) Terphenyl-d14	19.539	244	5117	0.45	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.301	128	184996	16.61	ng	95
12) 2-Methylnaphthalene	11.922	142	24133	3.36	ng	# 91
16) Acenaphthylene	13.849	152	62939	5.79	ng	100
17) Acenaphthene	14.192	154	49840	7.21	ng	91
18) Fluorene	15.194	166	33330	3.78	ng	99
25) Phenanthrene	16.919	178	126848	9.66	ng	98
26) Anthracene	17.017	178	228540	18.79	ng	99
28) Fluoranthene	18.953	202	65755	4.19	ng	99
30) Pyrene	19.320	202	77743	4.80	ng	99
32) Benzo(a)anthracene	21.078	228	59707	3.89	ng	98
33) Chrysene	21.131	228	72132	4.49	ng	98
34) Bis(2-ethylhexyl)phtha...	21.025	149	5864	0.56	ng	# 90
35) Indeno(1,2,3-cd)pyrene	25.322	276	84498	3.49	ng	# 92
37) Benzo(b)fluoranthene	22.590	252	29259m	1.70	ng	
38) Benzo(k)fluoranthene	22.631	252	46490	2.53	ng	97
39) Benzo(a)pyrene	23.128	252	108391	6.43	ng	93
40) Dibenzo(a,h)anthracene	25.329	278	163187	8.54	ng	96
41) Benzo(g,h,i)perylene	25.955	276	22859	1.16	ng	99

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

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