

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
 Data File : BN008848.D
 Acq On : 05 Dec 2019 14:41
 Operator : JU
 Sample : K5609-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Quant Time: Dec 05 15:12:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 15:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3593	0.40	ng	-0.02
7) Naphthalene-d8	10.32	136	15451	0.40	ng	-0.01
13) Acenaphthene-d10	14.19	164	10945	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	25891	0.40	ng	0.00
27) Chrysene-d12	21.14	240	27318	0.40	ng	0.00
34) Perylene-d12	23.30	264	30140	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	3539	0.36	ng	-0.02
5) Phenol-d6	6.74	99	5476	0.41	ng	-0.02
8) Nitrobenzene-d5	8.69	82	4036	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	11.91	152	8431	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1742	0.29	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	12713	0.31	ng	0.00
25) Fluoranthene-d10	18.98	212	27121	0.35	ng	0.00
29) Terphenyl-d14	19.59	244	20230	0.32	ng	0.00

Target Compounds				Qvalue		
9) Naphthalene	10.37	128	638189	15.490	ng	99
12) 2-Methylnaphthalene	11.99	142	59718	1.966	ng	99
16) Acenaphthylene	13.90	152	626183	12.265	ng	100
17) Acenaphthene	14.25	154	283420	8.750	ng	99
18) Fluorene	15.25	166	278906	6.492	ng	100
23) Phenanthrene	16.98	178	1403587	17.761	ng	100
24) Anthracene	17.07	178	1170865	16.135	ng	100
26) Fluoranthene	19.01	202	894807	9.402	ng	99
28) Pyrene	19.37	202	525132	5.510	ng	100
30) Benzo(a)anthracene	21.13	228	146887	1.488	ng	99
31) Chrysene	21.19	228	200874	2.096	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	13193	0.200	ng	99
33) Indeno(1,2,3-cd)pyrene	25.43	276	1024002	8.654	ng	99
35) Benzo(b)fluoranthene	22.67	252	430276	4.298	ng	# 91
36) Benzo(k)fluoranthene	22.71	252	717514	7.295	ng	# 91
37) Benzo(a)pyrene	23.21	252	432408	4.580	ng	# 89
38) Dibenzo(a,h)anthracene	25.44	278	948948	9.841	ng	94
39) Benzo(a,h,i)perylene	26.07	276	289030	2.961	ng	97

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

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