

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060221\
 Data File : BN014823.D
 Acq On : 02 Jun 2021 12:30
 Operator : CG/JU
 Sample : M2214-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-PAH-SOIL

Manual Integrations
 APPROVED

mohammad
 6/3/2021 11:07:41 AM

Quant Time: Jun 02 13:00:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 01 17:40:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	553	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	2017	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	1579	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	3759	0.40	ng	0.00
29) Chrysene-d12	21.300	240	5326	0.40	ng	# 0.00
35) Perylene-d12	23.565	264	5147	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	487	0.34	ng	0.00
5) Phenol-d6	6.887	99	565	0.30	ng	0.00
8) Nitrobenzene-d5	8.870	82	577	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.089	152	1245	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	221	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	2063	0.36	ng	0.00
27) Fluoranthene-d10	19.141	212	4520	0.33	ng	0.00
31) Terphenyl-d14	19.747	244	4896	0.39	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.543	128	74819	13.44	ng	# 88
12) 2-Methylnaphthalene	12.160	142	16054	4.10	ng	97
16) Acenaphthylene	14.067	152	43553	7.27	ng	99
17) Acenaphthene	14.410	154	68411	15.47	ng	99
18) Fluorene	15.399	166	10889	1.81	ng	99
25) Phenanthrene	17.140	178	101335	9.53	ng	99
26) Anthracene	17.237	178	67238	7.64	ng	97
28) Fluoranthene	19.171	202	94105	6.51	ng	99
30) Pyrene	19.538	202	90778	5.94	ng	99
32) Benzo(a)anthracene	21.290	228	44641	3.00	ng	98
33) Chrysene	21.343	228	36337	2.01	ng	98
34) Bis(2-ethylhexyl)phtha...	21.226	149	1379	0.33	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.841	276	155044	7.32	ng	99
37) Benzo(b)fluoranthene	22.884	252	164808m	8.81	ng	
38) Benzo(k)fluoranthene	22.929	252	36478	1.81	ng	92
39) Benzo(a)pyrene	23.466	252	69190	4.23	ng	# 86
40) Dibenzo(a,h)anthracene	25.855	278	153085	8.70	ng	# 91
41) Benzo(g,h,i)perylene	26.533	276	44400	2.27	ng	96

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

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