

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
 Data File : BN025316.D
 Acq On : 06 May 2023 15:21
 Operator : CG/JU
 Sample : 02588-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ZONE-A-0-3-05022023

Quant Time: May 08 04:00:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 02:37:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	6630	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	22552	0.400	ng	-0.01
13) Acenaphthene-d10	14.544	164	14329	0.400	ng	-0.01
19) Phenanthrene-d10	17.298	188	33054	0.400	ng	-0.01
29) Chrysene-d12	21.500	240	27809	0.400	ng	# 0.00
35) Perylene-d12	23.933	264	24776	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	4323	0.268	ng	0.00
5) Phenol-d6	7.088	99	5841	0.288	ng	0.00
8) Nitrobenzene-d5	9.084	82	4193	0.226	ng	-0.01
11) 2-Methylnaphthalene-d10	12.306	152	8149	0.264	ng	-0.01
14) 2,4,6-Tribromophenol	16.045	330	1749	0.239	ng	-0.02
15) 2-Fluorobiphenyl	13.176	172	11968	0.244	ng	-0.01
27) Fluoranthene-d10	19.334	212	18262	0.223	ng	0.00
31) Terphenyl-d14	19.928	244	14486	0.258	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.771	128	21003	0.363	ng	99
12) 2-Methylnaphthalene	12.381	142	8931	0.218	ng	99
16) Acenaphthylene	14.266	152	30552	0.476	ng	99
17) Acenaphthene	14.609	154	16037	0.402	ng	98
18) Fluorene	15.603	166	25709	0.470	ng	# 99
25) Phenanthrene	17.336	178	342883	3.749	ng	100
26) Anthracene	17.435	178	77706	0.907	ng	96
28) Fluoranthene	19.363	202	826493	7.233	ng	99
30) Pyrene	19.726	202	737549	7.758	ng	# 96
32) Benzo(a)anthracene	21.482	228	367663	3.911	ng	99
33) Chrysene	21.536	228	386282m	4.129	ng	
34) Bis(2-ethylhexyl)phtha...	21.392	149	76551	1.038	ng	99
36) Indeno(1,2,3-cd)pyrene	26.468	276	182680	1.839	ng	95
37) Benzo(b)fluoranthene	23.191	252	446088	5.680	ng	95
38) Benzo(k)fluoranthene	23.232	252	142597m	1.734	ng	
39) Benzo(a)pyrene	23.828	252	292846m	3.640	ng	
40) Dibenzo(a,h)anthracene	26.477	278	45205	0.576	ng	# 87
41) Benzo(g,h,i)perylene	27.252	276	182229	2.116	ng	99

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

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