

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
 Data File : BN018496.D
 Acq On : 27 Jan 2022 19:46
 Operator : CG/JU
 Sample : N1245-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SB-5(3.5-4)DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2022
 Supervised By :mohammad ahmed 02/01/2022

Quant Time: Jan 28 03:06:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 28 03:03:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	32567	0.400	ng	0.00
7) Naphthalene-d8	10.736	136	146129	0.400	ng	# 0.00
13) Acenaphthene-d10	14.560	164	85513	0.400	ng	0.00
19) Phenanthrene-d10	17.297	188	166484	0.400	ng	# 0.00
29) Chrysene-d12	21.472	240	149901	0.400	ng	0.00
35) Perylene-d12	23.875	264	156427	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.494	112	4189	0.051	ng	0.00
5) Phenol-d6	7.089	99	4595	0.051	ng	0.00
8) Nitrobenzene-d5	9.088	82	5289	0.052	ng	0.00
11) 2-Methylnaphthalene-d10	12.323	152	10632	0.045	ng	0.00
14) 2,4,6-Tribromophenol	16.044	330	1520	0.147	ng	0.00
15) 2-Fluorobiphenyl	13.190	172	15079	0.044	ng	0.00
27) Fluoranthene-d10	19.321	212	20187	0.041	ng	0.00
31) Terphenyl-d14	19.917	244	16722	0.044	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.787	128	47772	0.125	ng	100
12) 2-Methylnaphthalene	12.394	142	9554	0.037	ng	98
16) Acenaphthylene	14.281	152	51564	0.143	ng	100
17) Acenaphthene	14.624	154	11877	0.049	ng	98
18) Fluorene	15.601	166	24058	0.082	ng	# 97
25) Phenanthrene	17.334	178	343072	0.705	ng	99
26) Anthracene	17.431	178	137921	0.334	ng	99
28) Fluoranthene	19.351	202	1195390	2.228	ng	# 97
30) Pyrene	19.713	202	1031919	2.010	ng	# 95
32) Benzo(a)anthracene	21.450	228	1101309	2.211	ng	97
33) Chrysene	21.503	228	778801	1.543	ng	97
34) Bis(2-ethylhexyl)phtha...	21.387	149	5372	0.027	ng	90
36) Indeno(1,2,3-cd)pyrene	26.363	276	476096	0.846	ng	97
37) Benzo(b)fluoranthene	23.145	252	1112246	2.065	ng	# 97
38) Benzo(k)fluoranthene	23.187	252	425351m	0.790	ng	
39) Benzo(a)pyrene	23.768	252	871554	2.023	ng	# 97
40) Dibenzo(a,h)anthracene	26.377	278	145356	0.331	ng	# 87
41) Benzo(g,h,i)perylene	27.130	276	384958	0.786	ng	# 94

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

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