

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017644.D
 Acq On : 01 Dec 2021 10:58
 Operator : CG/JU
 Sample : M4862-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-5A

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 11:36:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 30 18:26:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	22208	0.400	ng	0.00
7) Naphthalene-d8	10.547	136	95405	0.400	ng	# 0.00
13) Acenaphthene-d10	14.384	164	58133	0.400	ng	0.00
19) Phenanthrene-d10	17.128	188	112307	0.400	ng	# 0.00
29) Chrysene-d12	21.314	240	82793	0.400	ng	# 0.00
35) Perylene-d12	23.633	264	77583	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.403	112	155	0.003	ng	0.04
5) Phenol-d6	6.961	99	389	0.007	ng	0.02
8) Nitrobenzene-d5	8.913	82	14461	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	12.137	152	47427	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	126	0.128	ng	-0.01
15) 2-Fluorobiphenyl	13.014	172	61232	0.271	ng	0.00
27) Fluoranthene-d10	19.159	212	102025	0.291	ng	0.00
31) Terphenyl-d14	19.759	244	68824	0.379	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.598	128	96461	0.401	ng	100
12) 2-Methylnaphthalene	12.213	142	44393	0.280	ng	98
16) Acenaphthylene	14.105	152	281001	1.239	ng	98
17) Acenaphthene	14.448	154	111010	0.708	ng	98
18) Fluorene	15.425	166	275660m	1.447	ng	
25) Phenanthrene	17.165	178	4785125	15.535	ng	99
26) Anthracene	17.250	178	835018	3.155	ng	# 91
28) Fluoranthene	19.193	202	6055510	17.372	ng	97
30) Pyrene	19.551	202	5077775	18.999	ng	# 95
32) Benzo(a)anthracene	21.303	228	2403135	9.556	ng	95
33) Chrysene	21.356	228	2203850	8.056	ng	97
34) Bis(2-ethylhexyl)phtha...	21.239	149	192665	3.230	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.002	276	789155	3.132	ng	# 91
37) Benzo(b)fluoranthene	22.935	252	2655582	10.322	ng	# 90
38) Benzo(k)fluoranthene	22.976	252	922742m	3.498	ng	
39) Benzo(a)pyrene	23.530	252	1544650	6.707	ng	# 90
40) Dibenzo(a,h)anthracene	26.008	278	203438	0.988	ng	# 71
41) Benzo(g,h,i)perylene	26.727	276	667987	3.154	ng	96

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

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