

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017843.D
 Acq On : 09 Dec 2021 20:18
 Operator : CG/JU
 Sample : M4924-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20211202

Quant Time: Dec 10 06:49:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	19227	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	75889	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	49889	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	100775	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	88480	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	60846	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6765	0.146	ng	0.00
5) Phenol-d6	6.903	99	3480	0.079	ng	0.00
8) Nitrobenzene-d5	8.859	82	15760	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	43243	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4040	0.155	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	65481	0.358	ng	0.01
27) Fluoranthene-d10	19.129	212	132921	0.395	ng	0.00
31) Terphenyl-d14	19.730	244	123212	0.648	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.270	88	28783m	4.067	ng	Qvalue
28) Fluoranthene	19.159	202	9071	0.028	ng	98
30) Pyrene	19.521	202	9468	0.034	ng	99
32) Benzo(a)anthracene	21.271	228	7986	0.029	ng	96
33) Chrysene	21.325	228	9166	0.032	ng	96
34) Bis(2-ethylhexyl)phtha...	21.218	149	19049	0.154	ng	99
36) Indeno(1,2,3-cd)pyrene	25.974	276	3443m	0.020	ng	
37) Benzo(b)fluoranthene	22.897	252	6421	0.031	ng	# 80
38) Benzo(k)fluoranthene	22.942	252	7576m	0.039	ng	
39) Benzo(a)pyrene	23.493	252	4722	0.025	ng	# 57
41) Benzo(g,h,i)perylene	26.686	276	3129	0.022	ng	# 77

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

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