

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017941.D
 Acq On : 12 Dec 2021 15:29
 Operator : CG/JU
 Sample : M4988-02
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20211206

Quant Time: Dec 13 00:40:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	29671	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	118051	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	81203	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	155094	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	115383	0.400	ng	# 0.00
35) Perylene-d12	23.585	264	89218	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	8178	0.134	ng	0.00
5) Phenol-d6	6.903	99	4600	0.076	ng	0.00
8) Nitrobenzene-d5	8.846	82	21271	0.276	ng	-0.01
11) 2-Methylnaphthalene-d10	12.089	152	49636	0.239	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4642	0.437	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	79739	0.279	ng	0.00
27) Fluoranthene-d10	19.124	212	160663	0.320	ng	0.00
31) Terphenyl-d14	19.730	244	132831	0.467	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	26572m	2.951	ng	
9) Naphthalene	10.544	128	10801	0.037	ng	96
32) Benzo(a)anthracene	21.272	228	19748	0.103	ng	# 87
33) Chrysene	21.325	228	21867	0.058	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.208	149	1252788	10.114	ng	98
36) Indeno(1,2,3-cd)pyrene	25.968	276	7160m	0.127	ng	
37) Benzo(b)fluoranthene	22.890	252	16113	0.055	ng	# 1
38) Benzo(k)fluoranthene	22.938	252	14705m	0.051	ng	
39) Benzo(a)pyrene	23.486	252	13914	0.053	ng	# 1
40) Dibenzo(a,h)anthracene	25.988	278	5231m	0.142	ng	
41) Benzo(g,h,i)perylene	26.676	276	6933	0.049	ng	# 60

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

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