

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017940.D
 Acq On : 12 Dec 2021 14:53
 Operator : CG/JU
 Sample : M4988-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20211206

Quant Time: Dec 13 00:40:16 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	7.706	152	31236	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	124740	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	85839	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	169218	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	126099	0.400	ng	#-0.01
35) Perylene-d12	23.586	264	96199	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	8187	0.127	ng	0.00
5) Phenol-d6	6.903	99	4336	0.068	ng	0.00
8) Nitrobenzene-d5	8.846	82	21690	0.266	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	53540	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5865	0.458	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	86633	0.287	ng	0.00
27) Fluoranthene-d10	19.124	212	164417	0.300	ng	0.00
31) Terphenyl-d14	19.730	244	147979	0.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	86725m	9.149	ng	
9) Naphthalene	10.545	128	10611	0.034	ng	96
25) Phenanthrene	17.129	178	9937m	0.023	ng	
30) Pyrene	19.517	202	11034	0.022	ng	# 93
32) Benzo(a)anthracene	21.272	228	21736	0.104	ng	# 88
33) Chrysene	21.325	228	23702	0.057	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.208	149	1347285	9.952	ng	98
36) Indeno(1,2,3-cd)pyrene	25.961	276	8419m	0.130	ng	
37) Benzo(b)fluoranthene	22.891	252	18203	0.057	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	15892	0.051	ng	# 1
39) Benzo(a)pyrene	23.486	252	15401	0.055	ng	# 1
40) Dibenzo(a,h)anthracene	25.985	278	5339m	0.140	ng	
41) Benzo(g,h,i)perylene	26.680	276	8640	0.057	ng	# 66

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

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