

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080723\
 Data File : BN026832.D
 Acq On : 07 Aug 2023 15:52
 Operator : MA/JU
 Sample : 03862-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EQUIPMENT-BLANK-1

Quant Time: Aug 08 00:50:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2023
 Supervised By :mohammad ahmed 08/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	11160	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	34724	0.400	ng	-0.01
13) Acenaphthene-d10	14.737	164	20069	0.400	ng	-0.01
19) Phenanthrene-d10	17.480	188	41148	0.400	ng	-0.01
29) Chrysene-d12	21.659	240	27830	0.400	ng	#-0.02
35) Perylene-d12	24.218	264	22607	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	3329	0.118	ng	0.00
5) Phenol-d6	7.235	99	2356	0.064	ng	0.00
8) Nitrobenzene-d5	9.294	82	8215	0.400	ng	-0.01
11) 2-Methylnaphthalene-d10	12.513	152	16762	0.337	ng	-0.01
14) 2,4,6-Tribromophenol	16.226	330	3016	0.441	ng	0.00
15) 2-Fluorobiphenyl	13.368	172	29791	0.364	ng	-0.01
27) Fluoranthene-d10	19.504	212	36513	0.370	ng	0.00
31) Terphenyl-d14	20.094	244	33746	0.582	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.991	128	3065	0.032	ng	# 88
16) Acenaphthylene	14.469	152	4568	0.046	ng	# 95
25) Phenanthrene	17.530	178	18143	0.145	ng	98
26) Anthracene	17.616	178	3367	0.030	ng	95
28) Fluoranthene	19.532	202	16872	0.121	ng	# 73
30) Pyrene	19.899	202	15993	0.133	ng	97
32) Benzo(a)anthracene	21.641	228	6296	0.066	ng	# 83
33) Chrysene	21.694	228	7510	0.071	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.542	149	60070	1.897	ng	97
36) Indeno(1,2,3-cd)pyrene	26.919	276	2782	0.030	ng	# 68
37) Benzo(b)fluoranthene	23.425	252	5769	0.065	ng	# 46
38) Benzo(k)fluoranthene	23.475	252	2418m	0.026	ng	
39) Benzo(a)pyrene	24.098	252	2442	0.030	ng	# 18
41) Benzo(g,h,i)perylene	27.755	276	2559m	0.030	ng	

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

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