

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028929.D
 Acq On : 01 Dec 2023 02:58
 Operator : MA/JU
 Sample : 05253-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 L-6(0-5)

Quant Time: Dec 01 04:32:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:28:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4688	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	13892	0.400	ng	# 0.00
13) Acenaphthene-d10	14.407	164	18134	0.400	ng	#-0.02
19) Phenanthrene-d10	17.171	188	13610	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	6374m	0.400	ng	0.00
35) Perylene-d12	23.705	264	9292	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	3001	0.211	ng	-0.01
5) Phenol-d6	7.031	99	3262	0.207	ng	-0.01
8) Nitrobenzene-d5	8.971	82	2261	0.164	ng	-0.01
11) 2-Methylnaphthalene-d10	12.174	152	4305	0.193	ng	-0.01
14) 2,4,6-Tribromophenol	15.930	330	652	0.053	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	5239	0.067	ng	-0.01
27) Fluoranthene-d10	19.213	212	6503	0.182	ng	0.00
31) Terphenyl-d14	19.817	244	5319	0.332	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.637	128	4839508	109.625	ng	99
12) 2-Methylnaphthalene	12.253	142	2702538	97.425	ng	98
16) Acenaphthylene	14.150	152	863679	8.991	ng	97
17) Acenaphthene	14.482	154	134013	2.102	ng	# 79
18) Fluorene	15.476	166	603002	7.471	ng	# 94
25) Phenanthrene	17.221	178	6976226	155.243	ng	97
26) Anthracene	17.308	178	1552713	37.382	ng	99
28) Fluoranthene	19.241	202	1962672m	42.001	ng	
30) Pyrene	19.608	202	3545105	72.791	ng	99
32) Benzo(a)anthracene	21.356	228	1059202	39.083	ng	98
33) Chrysene	21.409	228	859306m	32.294	ng	
36) Indeno(1,2,3-cd)pyrene	26.102	276	283501	7.002	ng	# 91
37) Benzo(b)fluoranthene	23.003	252	598889	15.754	ng	# 24
38) Benzo(k)fluoranthene	23.041	252	140334m	3.913	ng	
39) Benzo(a)pyrene	23.605	252	741611	21.842	ng	# 15
40) Dibenzo(a,h)anthracene	26.117	278	94532	3.017	ng	# 27
41) Benzo(g,h,i)perylene	26.845	276	336474	9.547	ng	# 67

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

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