

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028926.D
 Acq On : 01 Dec 2023 01:10
 Operator : MA/JU
 Sample : 05253-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 L-1(65FT)(5-10)

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 01:45:10 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4527	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	13289	0.400	ng	#-0.01
13) Acenaphthene-d10	14.428	164	8455	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	14371	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	8073	0.400	ng	0.00
35) Perylene-d12	23.708	264	8999m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4112	0.300	ng	-0.01
5) Phenol-d6	7.031	99	4499	0.296	ng	-0.01
8) Nitrobenzene-d5	8.971	82	3351	0.254	ng	-0.01
11) 2-Methylnaphthalene-d10	12.174	152	5879	0.276	ng	-0.01
14) 2,4,6-Tribromophenol	15.918	330	1081	0.189	ng	-0.01
15) 2-Fluorobiphenyl	13.060	172	7690	0.211	ng	-0.01
27) Fluoranthene-d10	19.213	212	11526	0.305	ng	0.00
31) Terphenyl-d14	19.817	244	9259	0.401	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.637	128	402331	9.527	ng	99
12) 2-Methylnaphthalene	12.250	142	208689	7.864	ng	99
16) Acenaphthylene	14.150	152	588214	13.133	ng	100
17) Acenaphthene	14.492	154	36583	1.231	ng	# 89
18) Fluorene	15.476	166	203371	5.404	ng	# 92
25) Phenanthrene	17.221	178	1919553	40.454	ng	97
26) Anthracene	17.308	178	520242	11.862	ng	99
28) Fluoranthene	19.241	202	1791330m	36.304	ng	
30) Pyrene	19.608	202	2960867	48.032	ng	99
32) Benzo(a)anthracene	21.356	228	1045757	30.466	ng	98
33) Chrysene	21.410	228	863514	25.623	ng	95
36) Indeno(1,2,3-cd)pyrene	26.108	276	350156m	8.930	ng	
37) Benzo(b)fluoranthene	23.003	252	696139	18.909	ng	# 24
38) Benzo(k)fluoranthene	23.044	252	181737m	5.232	ng	
39) Benzo(a)pyrene	23.605	252	729954	22.199	ng	# 15
40) Dibenzo(a,h)anthracene	26.120	278	108990m	3.591	ng	
41) Benzo(g,h,i)perylene	26.845	276	415964	12.186	ng	# 67

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

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