

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
 Data File : BN028931.D
 Acq On : 01 Dec 2023 04:09
 Operator : MA/JU
 Sample : 05253-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 L-3(195FT)(0-5)

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 04:43:20 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	4322	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	13279	0.400	ng	# 0.00
13) Acenaphthene-d10	14.418	164	25082	0.400	ng	#-0.01
19) Phenanthrene-d10	17.184	188	13076	0.400	ng	# 0.00
29) Chrysene-d12	21.383	240	7437m	0.400	ng	0.00
35) Perylene-d12	23.713	264	13933m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	3542	0.270	ng	-0.01
5) Phenol-d6	7.031	99	3807	0.262	ng	-0.01
8) Nitrobenzene-d5	8.982	82	2872	0.218	ng	0.00
11) 2-Methylnaphthalene-d10	12.182	152	4881	0.229	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	920	0.054	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6841	0.063	ng	-0.01
27) Fluoranthene-d10	19.181	212	37043m	1.077	ng	-0.03
31) Terphenyl-d14	19.822	244	7080	0.358	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.658	128	19185862	454.664	ng	96
12) 2-Methylnaphthalene	12.272	142	7425541	280.043	ng	96
16) Acenaphthylene	14.161	152	2462717	18.535	ng	97
17) Acenaphthene	14.503	154	2938499	33.319	ng	98
18) Fluorene	15.487	166	2698314	24.169	ng	98
25) Phenanthrene	17.246	178	13946138	323.020	ng	99
26) Anthracene	17.320	178	4212053	105.547	ng	99
28) Fluoranthene	19.264	202	5526868m	123.105	ng	
30) Pyrene	19.631	202	9691400	170.423	ng	97
32) Benzo(a)anthracene	21.374	228	3310565	104.696	ng	91
33) Chrysene	21.427	228	2786249m	89.745	ng	
34) Bis(2-ethylhexyl)phtha...	21.311	149	13990	0.225	ng	# 80
36) Indeno(1,2,3-cd)pyrene	26.158	276	917344m	15.110	ng	
37) Benzo(b)fluoranthene	23.032	252	2033621	35.677	ng	# 24
38) Benzo(k)fluoranthene	23.067	252	653062m	12.143	ng	
39) Benzo(a)pyrene	23.637	252	2446351	48.051	ng	# 16
40) Dibenzo(a,h)anthracene	26.169	278	297050m	6.322	ng	
41) Benzo(g,h,i)perylene	26.906	276	1017012	19.244	ng	# 68

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

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