

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033569.D
 Acq On : 23 Aug 2024 01:41
 Operator : MA/JU
 Sample : P3671-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-928-K1-SO-0-0.5-081924

Quant Time: Aug 23 02:37:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	8106	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	21263	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	10490	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	20512	0.400	ng	0.00
29) Chrysene-d12	21.139	240	15408	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	17341	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4125	0.160	ng	0.00
5) Phenol-d6	6.729	99	5024	0.164	ng	0.00
8) Nitrobenzene-d5	8.681	82	3434	0.195	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	4545	0.149	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	810	0.144	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6379	0.149	ng	0.00
27) Fluoranthene-d10	18.970	212	6326	0.128	ng	0.00
31) Terphenyl-d14	19.584	244	4283	0.122	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	13.900	152	1331	0.029	ng	98
25) Phenanthrene	16.967	178	10734m	0.188	ng	
26) Anthracene	17.066	178	1598	0.032	ng	# 91
28) Fluoranthene	19.003	202	26129	0.414	ng	99
30) Pyrene	19.365	202	22828	0.332	ng	# 95
32) Benzo(a)anthracene	21.122	228	10402	0.187	ng	93
33) Chrysene	21.175	228	13676	0.247	ng	96
34) Bis(2-ethylhexyl)phtha...	21.077	149	2334m	0.066	ng	
36) Indeno(1,2,3-cd)pyrene	25.446	276	9755	0.136	ng	95
37) Benzo(b)fluoranthene	22.657	252	19653	0.303	ng	# 89
38) Benzo(k)fluoranthene	22.698	252	7351m	0.115	ng	
39) Benzo(a)pyrene	23.206	252	12177	0.227	ng	# 87
40) Dibenzo(a,h)anthracene	25.461	278	2251	0.039	ng	# 41
41) Benzo(g,h,i)perylene	26.104	276	10031	0.163	ng	92

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

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