

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033568.D
 Acq On : 23 Aug 2024 01:05
 Operator : MA/JU
 Sample : P3671-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-905-J-SO-0-0.5-081924

Quant Time: Aug 23 01:36:17 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	7735	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	20459	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9843	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18367	0.400	ng	0.00
29) Chrysene-d12	21.139	240	15413	0.400	ng	0.00
35) Perylene-d12	23.303	264	16704	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3935	0.160	ng	0.00
5) Phenol-d6	6.729	99	4875	0.167	ng	0.00
8) Nitrobenzene-d5	8.681	82	3190	0.188	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	4662	0.159	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	780	0.147	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6144	0.153	ng	0.00
27) Fluoranthene-d10	18.970	212	5035	0.114	ng	0.00
31) Terphenyl-d14	19.583	244	3133	0.089	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.357	128	2589	0.047	ng	# 90
12) 2-Methylnaphthalene	11.979	142	1314	0.038	ng	# 92
16) Acenaphthylene	13.900	152	2481	0.057	ng	97
17) Acenaphthene	14.242	154	12835	0.423	ng	98
18) Fluorene	15.236	166	13939	0.364	ng	98
25) Phenanthrene	16.967	178	255438	4.999	ng	100
26) Anthracene	17.066	178	48729	1.078	ng	# 96
28) Fluoranthene	19.003	202	508617	9.008	ng	100
30) Pyrene	19.365	202	439507	6.389	ng	# 95
32) Benzo(a)anthracene	21.121	228	253086	4.542	ng	99
33) Chrysene	21.175	228	245143	4.426	ng	97
34) Bis(2-ethylhexyl)phtha...	21.086	149	60608	1.718	ng	97
36) Indeno(1,2,3-cd)pyrene	25.452	276	172583	2.489	ng	95
37) Benzo(b)fluoranthene	22.660	252	362431	5.810	ng	# 94
38) Benzo(k)fluoranthene	22.701	252	132444m	2.157	ng	
39) Benzo(a)pyrene	23.209	252	256698m	4.973	ng	
40) Dibenzo(a,h)anthracene	25.460	278	41081	0.741	ng	97
41) Benzo(g,h,i)perylene	26.104	276	169795	2.863	ng	98

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

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