

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033570.D
 Acq On : 23 Aug 2024 02:17
 Operator : MA/JU
 Sample : P3671-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-928-K1-SO-0.5-1-081924

Quant Time: Aug 23 03:03:09 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	7220	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	18938	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	9199	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18224	0.400	ng	0.00
29) Chrysene-d12	21.139	240	14086	0.400	ng	0.00
35) Perylene-d12	23.302	264	15519	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6041	0.263	ng	0.00
5) Phenol-d6	6.736	99	7436	0.272	ng	0.00
8) Nitrobenzene-d5	8.680	82	5274	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	6427	0.237	ng	0.00
14) 2,4,6-Tribromophenol	15.675	330	1120	0.226	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	8825	0.235	ng	0.00
27) Fluoranthene-d10	18.970	212	8205	0.187	ng	0.00
31) Terphenyl-d14	19.583	244	5479	0.171	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	13.900	152	2139	0.053	ng	99
18) Fluorene	15.236	166	845m	0.024	ng	
25) Phenanthrene	16.966	178	10844m	0.214	ng	
26) Anthracene	17.065	178	1521	0.034	ng	# 84
28) Fluoranthene	19.002	202	25821	0.461	ng	99
30) Pyrene	19.365	202	21592	0.343	ng	96
32) Benzo(a)anthracene	21.121	228	8571m	0.168	ng	
33) Chrysene	21.175	228	13750	0.272	ng	96
34) Bis(2-ethylhexyl)phtha...	21.085	149	2516m	0.078	ng	
36) Indeno(1,2,3-cd)pyrene	25.448	276	10627	0.165	ng	96
37) Benzo(b)fluoranthene	22.659	252	20808	0.359	ng	# 88
38) Benzo(k)fluoranthene	22.697	252	7793m	0.137	ng	
39) Benzo(a)pyrene	23.206	252	11527	0.240	ng	# 84
40) Dibenzo(a,h)anthracene	25.457	278	2278	0.044	ng	# 37
41) Benzo(g,h,i)perylene	26.100	276	11177	0.203	ng	93

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

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