

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033555.D
 Acq On : 22 Aug 2024 16:30
 Operator : MA/JU
 Sample : P3643-13DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 921-J-SD-0-0.5-081524-FDDL

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 17:46:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	8448	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	22107	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	10289	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	19427	0.400	ng	-0.01
29) Chrysene-d12	21.139	240	15770	0.400	ng	0.00
35) Perylene-d12	23.306	264	16544	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	987	0.037	ng	0.00
5) Phenol-d6	6.729	99	1181	0.037	ng	-0.01
8) Nitrobenzene-d5	8.681	82	815	0.044	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	1213	0.038	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	197	0.036	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	1667	0.040	ng	-0.01
27) Fluoranthene-d10	18.970	212	1614	0.035	ng	-0.01
31) Terphenyl-d14	19.584	244	1173	0.033	ng	-0.01
Target Compounds						Qvalue
12) 2-Methylnaphthalene	11.979	142	873	0.023	ng	# 86
17) Acenaphthene	14.242	154	7139	0.225	ng	97
18) Fluorene	15.236	166	6638	0.166	ng	99
25) Phenanthrene	16.967	178	115708	2.141	ng	100
26) Anthracene	17.066	178	26162	0.547	ng	# 96
28) Fluoranthene	19.003	202	217756	3.646	ng	100
30) Pyrene	19.365	202	187564	2.665	ng	# 94
32) Benzo(a)anthracene	21.122	228	100763	1.767	ng	99
33) Chrysene	21.175	228	87555	1.545	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	2213m	0.061	ng	
36) Indeno(1,2,3-cd)pyrene	25.455	276	56522	0.823	ng	94
37) Benzo(b)fluoranthene	22.663	252	118266	1.914	ng	# 95
38) Benzo(k)fluoranthene	22.704	252	44023m	0.724	ng	
39) Benzo(a)pyrene	23.212	252	87254m	1.707	ng	
40) Dibenzo(a,h)anthracene	25.469	278	13043	0.237	ng	94
41) Benzo(g,h,i)perylene	26.110	276	56793	0.967	ng	100

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

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