

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033536.D
 Acq On : 21 Aug 2024 10:40
 Operator : MA/JU
 Sample : P3643-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 921-J-SD-0.5-1-081524-FD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 11:26:36 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	7.552	152	10059	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	26280	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	12154	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	23082	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	18303	0.400	ng	0.00
35) Perylene-d12	23.312	264	19480	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3534	0.111	ng	0.00
5) Phenol-d6	6.736	99	4345	0.114	ng	0.00
8) Nitrobenzene-d5	8.681	82	2817	0.129	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	4779	0.127	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	608	0.093	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	6714	0.135	ng	-0.01
27) Fluoranthene-d10	18.975	212	7165	0.129	ng	0.00
31) Terphenyl-d14	19.588	244	4838	0.116	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.357	128	3008	0.043	ng	# 94
12) 2-Methylnaphthalene	11.983	142	3665	0.082	ng	98
17) Acenaphthene	14.242	154	22503	0.600	ng	97
18) Fluorene	15.236	166	18443	0.390	ng	99
25) Phenanthrene	16.979	178	227824	3.548	ng	100
26) Anthracene	17.066	178	61292	1.079	ng	98
28) Fluoranthene	19.003	202	309822	4.366	ng	100
30) Pyrene	19.370	202	265374	3.249	ng	# 94
32) Benzo(a)anthracene	21.121	228	132575	2.003	ng	98
33) Chrysene	21.175	228	114926	1.747	ng	97
34) Bis(2-ethylhexyl)phtha...	21.086	149	4020m	0.096	ng	
36) Indeno(1,2,3-cd)pyrene	25.461	276	62387	0.771	ng	95
37) Benzo(b)fluoranthene	22.668	252	144262	1.983	ng	# 95
38) Benzo(k)fluoranthene	22.706	252	50447m	0.705	ng	
39) Benzo(a)pyrene	23.218	252	106031m	1.762	ng	
40) Dibenzo(a,h)anthracene	25.469	278	14829	0.229	ng	94
41) Benzo(g,h,i)perylene	26.115	276	62037	0.897	ng	100

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

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