

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033557.D
 Acq On : 22 Aug 2024 17:43
 Operator : MA/JU
 Sample : P3663-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 916-J-SD-0-0.5-081624

Quant Time: Aug 22 18:09:54 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

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	8229	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	20757	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	9578	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	18941	0.400	ng	-0.01
29) Chrysene-d12	21.139	240	17576	0.400	ng	0.00
35) Perylene-d12	23.311	264	19504	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4347	0.166	ng	0.00
5) Phenol-d6	6.736	99	5048	0.162	ng	0.00
8) Nitrobenzene-d5	8.681	82	3339	0.194	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	4404	0.148	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	739	0.144	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	5647	0.144	ng	-0.01
27) Fluoranthene-d10	18.970	212	5548	0.122	ng	-0.01
31) Terphenyl-d14	19.588	244	3911	0.098	ng	0.00
Target Compounds					Qvalue	
9) Naphthalene	10.357	128	2187	0.039	ng	# 89
12) 2-Methylnaphthalene	11.979	142	1083	0.031	ng	# 89
16) Acenaphthylene	13.900	152	17484	0.416	ng	100
17) Acenaphthene	14.242	154	2177	0.074	ng	97
18) Fluorene	15.236	166	5004	0.134	ng	97
25) Phenanthrene	16.966	178	154782	2.937	ng	100
26) Anthracene	17.066	178	30153	0.647	ng	98
28) Fluoranthene	19.003	202	489559	8.407	ng	100
30) Pyrene	19.365	202	418761	5.338	ng	97
32) Benzo(a)anthracene	21.121	228	219129	3.448	ng	98
33) Chrysene	21.175	228	220439	3.490	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	7466m	0.186	ng	
36) Indeno(1,2,3-cd)pyrene	25.460	276	164246	2.028	ng	94
37) Benzo(b)fluoranthene	22.668	252	316138	4.340	ng	# 93
38) Benzo(k)fluoranthene	22.706	252	129288m	1.803	ng	
39) Benzo(a)pyrene	23.215	252	214664m	3.562	ng	
40) Dibenzo(a,h)anthracene	25.469	278	35108	0.542	ng	98
41) Benzo(g,h,i)perylene	26.115	276	160851	2.323	ng	98

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

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