

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033576.D
 Acq On : 23 Aug 2024 05:54
 Operator : MA/JU
 Sample : P3660-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-906-J-0-0.5-081624

Quant Time: Aug 23 06:58:25 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 :Jagrut Upadhyay 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	8038	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	20821	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	10027	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19198	0.400	ng	0.00
29) Chrysene-d12	21.130	240	17574	0.400	ng	# 0.00
35) Perylene-d12	23.300	264	18720	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6313	0.247	ng	0.00
5) Phenol-d6	6.736	99	7849	0.258	ng	0.00
8) Nitrobenzene-d5	8.681	82	5121	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	11.899	152	7129	0.239	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1285	0.238	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	9003	0.220	ng	0.00
27) Fluoranthene-d10	18.970	212	8608	0.187	ng	0.00
31) Terphenyl-d14	19.583	244	5270	0.132	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.357	128	3567	0.064	ng	# 92
12) 2-Methylnaphthalene	11.975	142	1550	0.044	ng	# 91
16) Acenaphthylene	13.900	152	3786	0.086	ng	99
17) Acenaphthene	14.242	154	9551	0.309	ng	97
18) Fluorene	15.236	166	9279	0.238	ng	92
25) Phenanthrene	16.967	178	223298	4.181	ng	96
26) Anthracene	17.066	178	31149	0.659	ng	# 92
28) Fluoranthene	19.003	202	565280	9.578	ng	100
30) Pyrene	19.365	202	483079	6.159	ng	# 95
32) Benzo(a)anthracene	21.121	228	233910	3.681	ng	98
33) Chrysene	21.166	228	282467	4.473	ng	97
34) Bis(2-ethylhexyl)phtha...	21.077	149	7618m	0.189	ng	
36) Indeno(1,2,3-cd)pyrene	25.449	276	208691	2.685	ng	94
37) Benzo(b)fluoranthene	22.660	252	432377	6.185	ng	# 93
38) Benzo(k)fluoranthene	22.698	252	129038m	1.875	ng	
39) Benzo(a)pyrene	23.203	252	251986m	4.356	ng	
40) Dibenzo(a,h)anthracene	25.458	278	46166	0.743	ng	99
41) Benzo(g,h,i)perylene	26.104	276	211442	3.182	ng	98

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

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