

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033603.D
 Acq On : 23 Aug 2024 23:55
 Operator : MA/JU
 Sample : P3707-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-929-K1-SO-0.5-1-082024

Quant Time: Aug 24 02:20:08 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 08/24/2024
 Supervised By :mohammad ahmed 08/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	8156	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	22116	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	10151	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	19023	0.400	ng	0.00
29) Chrysene-d12	21.139	240	14828	0.400	ng	# 0.00
35) Perylene-d12	23.303	264	16670	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3157	0.122	ng	0.00
5) Phenol-d6	6.736	99	4007	0.130	ng	0.00
8) Nitrobenzene-d5	8.681	82	3700	0.202	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	4118	0.130	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	718	0.132	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	5281	0.127	ng	0.00
27) Fluoranthene-d10	18.970	212	4258	0.093	ng	0.00
31) Terphenyl-d14	19.584	244	2878	0.085	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.357	128	1748	0.030	ng	# 81
12) 2-Methylnaphthalene	11.975	142	1375	0.037	ng	# 92
25) Phenanthrene	16.967	178	7394m	0.140	ng	
26) Anthracene	17.066	178	1205	0.026	ng	# 87
28) Fluoranthene	19.003	202	14826	0.254	ng	99
30) Pyrene	19.365	202	13428	0.203	ng	96
32) Benzo(a)anthracene	21.121	228	6647	0.124	ng	91
33) Chrysene	21.175	228	8183m	0.154	ng	
34) Bis(2-ethylhexyl)phtha...	21.077	149	2234m	0.066	ng	
36) Indeno(1,2,3-cd)pyrene	25.452	276	5263	0.076	ng	95
37) Benzo(b)fluoranthene	22.660	252	11251	0.181	ng	# 72
38) Benzo(k)fluoranthene	22.701	252	3637m	0.059	ng	
39) Benzo(a)pyrene	23.209	252	7128	0.138	ng	# 71
40) Dibenzo(a,h)anthracene	25.461	278	1342	0.024	ng	# 1
41) Benzo(g,h,i)perylene	26.110	276	5220	0.088	ng	# 83

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

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