

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033609.D
 Acq On : 24 Aug 2024 03:32
 Operator : MA/JU
 Sample : P3641-02DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-907-K1-0.5-1.0-081524DL

Quant Time: Aug 24 04:06:06 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	8222	0.400	ng	0.00
7) Naphthalene-d8	10.303	136	21915	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	11402	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	23429	0.400	ng	0.00
29) Chrysene-d12	21.139	240	19153	0.400	ng	0.00
35) Perylene-d12	23.300	264	21408	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2546	0.097	ng	0.00
5) Phenol-d6	6.736	99	3100	0.100	ng	0.00
8) Nitrobenzene-d5	8.681	82	2570	0.141	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	3878	0.124	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	762	0.124	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	5171	0.111	ng	0.00
27) Fluoranthene-d10	18.970	212	6072	0.108	ng	0.00
31) Terphenyl-d14	19.583	244	4166	0.096	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.357	128	5396	0.092	ng	# 94
12) 2-Methylnaphthalene	11.975	142	4746	0.128	ng	96
16) Acenaphthylene	13.900	152	6601	0.132	ng	98
17) Acenaphthene	14.242	154	1605	0.046	ng	93
18) Fluorene	15.236	166	2408	0.054	ng	# 93
25) Phenanthrene	16.966	178	67757	1.040	ng	99
26) Anthracene	17.066	178	11307	0.196	ng	# 94
28) Fluoranthene	19.003	202	194857	2.705	ng	99
30) Pyrene	19.365	202	167600	1.961	ng	# 96
32) Benzo(a)anthracene	21.121	228	80329	1.160	ng	95
33) Chrysene	21.175	228	103405	1.502	ng	98
34) Bis(2-ethylhexyl)phtha...	21.076	149	6925m	0.158	ng	
36) Indeno(1,2,3-cd)pyrene	25.452	276	85801	0.965	ng	# 93
37) Benzo(b)fluoranthene	22.659	252	162100	2.028	ng	# 95
38) Benzo(k)fluoranthene	22.700	252	55156m	0.701	ng	
39) Benzo(a)pyrene	23.209	252	99727m	1.508	ng	
40) Dibenzo(a,h)anthracene	25.460	278	18592	0.262	ng	# 89
41) Benzo(g,h,i)perylene	26.106	276	86462	1.138	ng	98

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

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