

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041520\
 Data File : BN010506.D
 Acq On : 15 Apr 2020 13:59
 Operator : CG/JU
 Sample : L2178-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-4IRE

Quant Time: Apr 15 15:54:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	5164	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	20609	0.40	ng	-0.01
13) Acenaphthene-d10	14.22	164	13132	0.40	ng	-0.01
19) Phenanthrene-d10	16.97	188	30452	0.40	ng	-0.01
27) Chrysene-d12	21.18	240	27212	0.40	ng	-0.01
34) Perylene-d12	23.35	264	24478	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	2517	0.22	ng	0.00
5) Phenol-d6	6.79	99	1909	0.13	ng	0.00
8) Nitrobenzene-d5	8.73	82	11406	0.79	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	14011	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	3470	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	40759	0.85	ng	-0.01
25) Fluoranthene-d10	19.01	212	38557	0.42	ng	0.00
29) Terphenyl-d14	19.62	244	56328	0.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.41	128	21165	0.414	ng	99
12) 2-Methylnaphthalene	12.03	142	9474	0.258	ng	99
17) Acenaphthene	14.29	154	110372	3.028	ng	99
18) Fluorene	15.28	166	88362	1.851	ng	98
23) Phenanthrene	17.01	178	496631	6.038	ng	100
24) Anthracene	17.10	178	109539	1.457	ng	# 95
26) Fluoranthene	19.04	202	237417	2.319	ng	100
28) Pyrene	19.40	202	162807	1.777	ng	# 92
30) Benzo(a)anthracene	21.16	228	15474	0.174	ng	# 87
31) Chrysene	21.21	228	10760	0.122	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.11	149	3917	0.086	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	2065	0.026	ng	96
35) Benzo(b)fluoranthene	22.71	252	3346	0.042	ng	# 33
36) Benzo(k)fluoranthene	22.75	252	2722	0.034	ng	# 1
37) Benzo(a)pyrene	23.25	252	2527	0.035	ng	# 12
38) Dibenzo(a,h)anthracene	25.51	278	1627	0.025	ng	# 29
39) Benzo(a,h,i)perylene	26.14	276	2015	0.031	ng	# 70

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

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