Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010149.D
Acq On : 09 Mar 2020 16:39
Operator : CG/JU
Sample : L1798-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WP

Manual Integrations APPROVED
mohammad
3/10/2020 2:45:33 PM

Quant Time: Mar 10 10:51:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	858	0.40	ng		-0.04
7) Naphthalene-d8	10.11	136	3286	0.40	ng		-0.06
13) Acenaphthene-d10	13.99	164	1694	0.40	ng		-0.07
19) Phenanthrene-d10	16.76	188	4596	0.40	ng		-0.05
27) Chrysene-d12	20.99	240	3877	0.40	ng		-0.04
34) Perylene-d12	23.10	264	1433	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	864	0.45	ng		-0.05
5) Phenol-d6	6.67	99	696	0.30	ng		0.02
8) Nitrobenzene-d5	8.58	82	932m	0.34	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1711	0.27	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	329	0.50	ng		-0.03
15) 2-Fluorobiphenyl	12.63	172	2633	0.41	ng		-0.06
25) Fluoranthene-d10	18.81	212	3954	0.25	ng		-0.05
29) Terphenyl-d14	19.43	244	3878	0.42	ng		-0.04
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.43	42	1067	0.740	ng	#	14
9) Naphthalene	10.15	128	32943	3.676	ng		94
16) Acenaphthylene	13.71	152	19033	2.636	ng		100
17) Acenaphthene	14.06	154	75803	14.927	ng		99
18) Fluorene	15.07	166	45895	6.849	ng		99
23) Phenanthrene	16.80	178	32963	2.410	ng		99
24) Anthracene	16.91	178	23927	2.069	ng		100
26) Fluoranthene	18.84	202	24246	1.480	ng		99
28) Pyrene	19.21	202	28824	1.958	ng		100
30) Benzo(a)anthracene	20.97	228	18847	1.465	ng		98
31) Chrysene	21.03	228	43762	2.940	ng		98
33) Indeno(1,2,3-cd)pyrene	25.12	276	17306	1.116	ng	#	93
35) Benzo(b)fluoranthene	22.48	252	9886	1.887	ng	#	90
36) Benzo(k)fluoranthene	22.52	252	38434m	6.738	ng		
37) Benzo(a)pyrene	23.00	252	28523	5.967	ng	#	81
38) Dibenzo(a,h)anthracene	25.12	278	26981	5.732	ng	#	90
39) Benzo(g,h,i)perylene	25.73	276	33533	6.688	ng		95

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

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