Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011037.D
Acq On : 23 Jun 2020 19:34
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN062320

Quant Time: Jun 23 20:07:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 18:53:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2417	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	7754	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	4539	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	8179	0.40	ng		0.00
29) Chrysene-d12	21.11	240	8735	0.40	ng		-0.01
36) Perylene-d12	23.25	264	7933	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2767	0.41	ng		0.00
5) Phenol-d6	6.72	99	3208	0.40	ng		0.00
8) Nitrobenzene-d5	8.66	82	2783	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	5706	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	707	0.35	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	9094	0.43	ng		0.00
27) Fluoranthene-d10	18.94	212	10241	0.40	ng		0.00
31) Terphenyl-d14	19.55	244	8779	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1402	0.431	ng		99
3) n-Nitrosodimethylamine	3.55	42	714	0.394	ng	#	1
6) bis(2-Chloroethyl)ether	6.97	93	2878	0.413	ng		99
9) Naphthalene	10.32	128	9623	0.409	ng		98
10) Hexachlorobutadiene	10.61	225	2449	0.432	ng	#	98
12) 2-Methylnaphthalene	11.94	142	6618	0.420	ng		100
16) Acenaphthylene	13.85	152	9044	0.395	ng		99
17) Acenaphthene	14.21	154	6215	0.405	ng		99
18) Fluorene	15.20	166	7232	0.369	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	487	0.356	ng		95
21) 4-Bromophenyl-phenylether	16.11	248	2290	0.405	ng	#	74
22) Hexachlorobenzene	16.22	284	2638	0.422	ng		100
23) Atrazine	16.39	200	1647	0.394	ng		94
24) Pentachlorophenol	16.56	266	733	0.371	ng		99
25) Phenanthrene	16.93	178	11423	0.414	ng		100
26) Anthracene	17.03	178	9036	0.395	ng		99
28) Fluoranthene	18.97	202	12477	0.396	ng		100
30) Pyrene	19.34	202	12411	0.369	ng		99
32) Benzo(a)anthracene	21.10	228	11907	0.393	ng		98
33) Chrysene	21.14	228	13612	0.413	ng		99
34) Bis(2-ethylhexyl)phthalate	21.06	149	4419	0.363	ng		100
35) Indeno(1,2,3-cd)pyrene	25.35	276	16670	0.454	ng		100
37) Benzo(b)fluoranthene	22.62	252	14283	0.455	ng		99
38) Benzo(k)fluoranthene	22.66	252	15933	0.488	ng		98
39) Benzo(a)pyrene	23.16	252	11280	0.405	ng		98
40) Dibenzo(a,h)anthracene	25.37	278	13420	0.447	ng		100
41) Benzo(g,h,i)perylene	25.99	276	12530	0.403	ng		99

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

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