Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010174.D
Acq On : 11 Mar 2020 03:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/11/2020 5:08:06 PM

Quant Time: Mar 11 04:31:09 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	7.37	152	801	0.40	ng		-0.05
7) Naphthalene-d8	10.13	136	2366	0.40	ng		-0.05
13) Acenaphthene-d10	14.00	164	1483	0.40	ng		-0.06
19) Phenanthrene-d10	16.78	188	3045	0.40	ng		-0.03
27) Chrysene-d12	20.99	240	3012	0.40	ng		-0.04
34) Perylene-d12	23.10	264	3213	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	709	0.40	ng		-0.04
5) Phenol-d6	6.62	99	874	0.40	ng		-0.02
8) Nitrobenzene-d5	8.58	82	746	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1975	0.43	ng		-0.04
14) 2,4,6-Tribromophenol	15.55	330	221	0.39	ng		-0.03
15) 2-Fluorobiphenyl	12.64	172	2473	0.44	ng		-0.04
25) Fluoranthene-d10	18.83	212	4181	0.40	ng		-0.03
29) Terphenyl-d14	19.44	244	2920	0.41	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	338m	0.412	ng		
3) n-Nitrosodimethylamine	3.40	42	712	0.529	ng	#	91
6) bis(2-Chloroethyl)ether	6.85	93	1049	0.498	ng		90
9) Naphthalene	10.18	128	2671	0.414	ng		95
10) Hexachlorobutadiene	10.43	225	637	0.449	ng	#	100
12) 2-Methylnaphthalene	11.83	142	1971	0.445	ng		96
16) Acenaphthylene	13.72	152	2474	0.391	ng		99
17) Acenaphthene	14.07	154	1775	0.399	ng		99
18) Fluorene	15.08	166	2221	0.379	ng		98
20) 4-Bromophenyl-phenylether	16.01	248	608m	0.253	ng		
21) Hexachlorobenzene	16.09	284	809	0.427	ng		97
22) Pentachlorophenol	16.48	266	175	0.454	ng		93
23) Phenanthrene	16.83	178	3502	0.386	ng		100
24) Anthracene	16.93	178	2959	0.386	ng		100
26) Fluoranthene	18.85	202	4322	0.398	ng		99
28) Pyrene	19.22	202	4943	0.432	ng		98
30) Benzo(a)anthracene	20.98	228	3543	0.354	ng		99
31) Chrysene	21.03	228	4877	0.422	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	2188	0.449	ng		95
33) Indeno(1,2,3-cd)pyrene	25.14	276	5439	0.452	ng		97
35) Benzo(b)fluoranthene	22.49	252	4556	0.388	ng	#	95
36) Benzo(k)fluoranthene	22.53	252	5210	0.407	ng		99
37) Benzo(a)pyrene	23.02	252	4262	0.398	ng	#	93
38) Dibenzo(a,h)anthracene	25.14	278	4285	0.406	ng		99
39) Benzo(g,h,i)perylene	25.76	276	4789	0.426	ng		98

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

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