Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011795.D
Acq On : 15 Sep 2020 10:46
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Sep 15 12:56:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 12:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1651	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	5697	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	3226	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	7471	0.40	ng		0.00
29) Chrysene-d12	21.30	240	7926	0.40	ng		-0.01
36) Perylene-d12	23.56	264	8327	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	584	0.13	ng		0.00
5) Phenol-d6	6.89	99	728	0.13	ng		0.00
8) Nitrobenzene-d5	8.87	82	719	0.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.10	152	1192	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	190	0.11	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	1706	0.12	ng		0.00
27) Fluoranthene-d10	19.14	212	2764	0.11	ng		0.00
31) Terphenyl-d14	19.75	244	2395	0.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	326	0.149	ng		88
6) bis(2-Chloroethyl)ether	7.15	93	600	0.127	ng		99
9) Naphthalene	10.55	128	1888	0.115	ng	#	94
10) Hexachlorobutadiene	10.85	225	462	0.114	ng	#	95
12) 2-Methylnaphthalene	12.17	142	1309	0.113	ng		99
16) Acenaphthylene	14.08	152	1788	0.112	ng		99
17) Acenaphthene	14.42	154	1295	0.115	ng		97
18) Fluorene	15.41	166	1577	0.111	ng		99
20) 4,6-Dinitro-2-methylphenol	15.49	198	169	0.102	ng	#	4
21) 4-Bromophenyl-phenylether	16.31	248	539	0.114	ng	#	91
22) Hexachlorobenzene	16.42	284	659	0.121	ng		98
23) Atrazine	16.58	200	483	0.113	ng	#	96
25) Phenanthrene	17.15	178	2748	0.112	ng		99
26) Anthracene	17.24	178	2393	0.111	ng		99
28) Fluoranthene	19.18	202	3200	0.107	ng		100
30) Pyrene	19.54	202	3261	0.117	ng		99
32) Benzo(a)anthracene	21.29	228	3166	0.110	ng		97
33) Chrysene	21.34	228	3415	0.114	ng		97
34) Bis(2-ethylhexyl)phthalate	21.23	149	1514	0.107	ng	#	98
35) Indeno(1,2,3-cd)pyrene	25.81	276	4364	0.112	ng		99
37) Benzo(b)fluoranthene	22.88	252	3779	0.110	ng	#	75
38) Benzo(k)fluoranthene	22.92	252	3706	0.108	ng	#	75
39) Benzo(a)pyrene	23.46	252	3225	0.107	ng	#	69
40) Dibenzo(a,h)anthracene	25.83	278	3619	0.106	ng	#	81
41) Benzo(g,h,i)perylene	26.50	276	3712	0.108	ng	#	90

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

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