Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040921\
Data File : BN014247.D
Acq On : 09 Apr 2021 10:56
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Apr 09 12:51:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 12:42:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	6952	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	25552	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	13776	0.40	ng		0.00
19) Phenanthrene-d10	17.092	188	31507	0.40	ng		0.00
29) Chrysene-d12	21.282	240	31908	0.40	ng		0.00
36) Perylene-d12	23.520	264	30420	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	1896	0.10	ng		0.00
5) Phenol-d6	6.879	99	2266	0.09	ng		0.00
8) Nitrobenzene-d5	8.857	82	1692	0.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.084	152	3799	0.09	ng		0.00
14) 2,4,6-Tribromophenol	15.831	330	534	0.08	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	4829	0.10	ng		0.00
27) Fluoranthene-d10	19.124	212	9059	0.10	ng		0.00
31) Terphenyl-d14	19.729	244	7121	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	1206	0.16	ng	#	81
6) bis(2-Chloroethyl)ether	7.145	93	1788	0.10	ng		98
9) Naphthalene	10.543	128	6373	0.10	ng		95
10) Hexachlorobutadiene	10.834	225	1279	0.10	ng	#	98
12) 2-Methylnaphthalene	12.155	142	4195	0.09	ng	#	95
16) Acenaphthylene	14.067	152	4936	0.08	ng		100
17) Acenaphthene	14.410	154	3777	0.10	ng		98
18) Fluorene	15.399	166	4830	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.475	198	330	0.11	ng	#	1
21) 4-Bromophenyl-phenylether	16.289	248	1529	0.09	ng	#	92
22) Hexachlorobenzene	16.398	284	1958	0.10	ng		96
23) Atrazine	16.556	200	1232	0.07	ng		95
25) Phenanthrene	17.128	178	9041	0.11	ng		99
26) Anthracene	17.226	178	6854	0.08	ng		99
28) Fluoranthene	19.154	202	10177	0.10	ng		99
30) Pyrene	19.521	202	11180	0.11	ng		100
32) Benzo(a)anthracene	21.271	228	8720	0.09	ng		99
33) Chrysene	21.324	228	9576	0.10	ng		99
34) Bis(2-ethylhexyl)phtha...	21.218	149	4741	0.08	ng		96
35) Indeno(1,2,3-cd)pyrene	25.772	276	11648	0.10	ng		98
37) Benzo(b)fluoranthene	22.849	252	10215	0.10	ng	#	80
38) Benzo(k)fluoranthene	22.894	252	10230	0.11	ng	#	80
39) Benzo(a)pyrene	23.424	252	8527	0.09	ng	#	72
40) Dibenzo(a,h)anthracene	25.789	278	9718	0.10	ng	#	86
41) Benzo(g,h,i)perylene	26.457	276	9972	0.10	ng		93

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

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