Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041621\
Data File : BN014309.D
Acq On : 16 Apr 2021 14:45
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Apr 16 15:15:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 14:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	8116	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	28630	0.40	ng		#-0.01
13) Acenaphthene-d10	14.333	164	14761	0.40	ng		0.00
19) Phenanthrene-d10	17.079	188	29968	0.40	ng		# 0.01
29) Chrysene-d12	21.268	240	33657	0.40	ng		# 0.00
36) Perylene-d12	23.500	264	27079	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	28327	1.46	ng		0.00
5) Phenol-d6	6.871	99	35927	1.49	ng		0.00
8) Nitrobenzene-d5	8.845	82	28569	1.57	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	71172	1.59	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	8579	1.49	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	92600	1.71	ng		0.00
27) Fluoranthene-d10	19.111	212	135218	1.56	ng		0.00
31) Terphenyl-d14	19.717	244	107859	1.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	15488	1.50	ng		91
3) n-Nitrosodimethylamine	3.585	42	9693	2.00	ng	#	96
6) bis(2-Chloroethyl)ether	7.128	93	33011	1.69	ng		99
9) Naphthalene	10.517	128	116110	1.63	ng		99
10) Hexachlorobutadiene	10.822	225	22682	1.59	ng	#	99
12) 2-Methylnaphthalene	12.142	142	76491	1.60	ng		100
16) Acenaphthylene	14.042	152	92113	1.62	ng		99
17) Acenaphthene	14.384	154	67469	1.63	ng		98
18) Fluorene	15.374	166	83906	1.59	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	5486	1.54	ng	#	55
21) 4-Bromophenyl-phenylether	16.276	248	25784	1.68	ng		98
22) Hexachlorobenzene	16.385	284	32706	1.67	ng		99
23) Atrazine	16.544	200	15860	1.38	ng		99
24) Pentachlorophenol	16.726	266	8849	1.48	ng		99
25) Phenanthrene	17.116	178	135674	1.64	ng		100
26) Anthracene	17.201	178	109784	1.60	ng		100
28) Fluoranthene	19.141	202	154255	1.62	ng		100
30) Pyrene	19.503	202	150026	1.42	ng		100
32) Benzo(a)anthracene	21.247	228	139265	1.45	ng		99
33) Chrysene	21.300	228	163368	1.57	ng		99
34) Bis(2-ethylhexyl)phtha...	21.194	149	36949	1.07	ng		100
35) Indeno(1,2,3-cd)pyrene	25.742	276	190614	1.56	ng		99
37) Benzo(b)fluoranthene	22.829	252	169393	1.76	ng		96
38) Benzo(k)fluoranthene	22.874	252	166732	1.73	ng		96
39) Benzo(a)pyrene	23.401	252	138146	1.70	ng	#	93
40) Dibenzo(a,h)anthracene	25.756	278	160048	1.71	ng		98
41) Benzo(g,h,i)perylene	26.427	276	162668	1.72	ng		99

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

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