Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016712.D
Acq On : 04 Oct 2021 15:54
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Oct 04 16:33:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 15:14:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	26485	0.40	ng		0.00
7) Naphthalene-d8	10.406	136	115912	0.40	ng		0.00
13) Acenaphthene-d10	14.268	164	60221	0.40	ng		0.00
19) Phenanthrene-d10	17.029	188	109681	0.40	ng		0.00
29) Chrysene-d12	21.238	240	105556	0.40	ng		0.00
35) Perylene-d12	23.494	264	102515	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	55568	0.82	ng		0.00
5) Phenol-d6	6.822	99	62164	0.84	ng		0.00
8) Nitrobenzene-d5	8.784	82	64208	0.85	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	141272	0.82	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	21614	0.79	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	194584	0.80	ng		0.00
27) Fluoranthene-d10	19.073	212	246211	0.84	ng		0.00
31) Terphenyl-d14	19.683	244	201257	0.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	10842	0.89	ng	#	76
3) n-Nitrosodimethylamine	3.576	42	16934	0.87	ng		99
6) bis(2-Chloroethyl)ether	7.080	93	60405	0.84	ng		99
9) Naphthalene	10.457	128	255989	0.81	ng		100
10) Hexachlorobutadiene	10.749	225	48132	0.81	ng	#	100
12) 2-Methylnaphthalene	12.083	142	165475	0.82	ng		99
16) Acenaphthylene	13.989	152	222819	0.85	ng		100
17) Acenaphthene	14.332	154	144188	0.81	ng		100
18) Fluorene	15.334	166	174472	0.83	ng		100
20) 4,6-Dinitro-2-methylph...	15.423	198	4100	0.32	ng	#	65
21) 4-Bromophenyl-phenylether	16.226	248	55633	0.82	ng		99
22) Hexachlorobenzene	16.336	284	62362	0.79	ng		100
23) Atrazine	16.506	200	42184	0.85	ng		99
24) Pentachlorophenol	16.689	266	14430	0.55	ng		99
25) Phenanthrene	17.066	178	265492	0.80	ng		100
26) Anthracene	17.163	178	236907	0.83	ng		100
28) Fluoranthene	19.097	202	297440	0.83	ng		100
30) Pyrene	19.465	202	300875	0.88	ng		100
32) Benzo(a)anthracene	21.227	228	281761	0.87	ng		96
33) Chrysene	21.270	228	287978	0.88	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	146899	1.14	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	295724	0.81	ng		100
37) Benzo(b)fluoranthene	22.813	252	289768	0.88	ng		99
38) Benzo(k)fluoranthene	22.861	252	284393	0.87	ng		100
39) Benzo(a)pyrene	23.395	252	261119	0.89	ng		99
40) Dibenzo(a,h)anthracene	25.802	278	235314	0.80	ng		99
41) Benzo(g,h,i)perylene	26.476	276	258586	0.80	ng		99

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

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