Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
Data File : BN017184.D
Acq On : 29 Oct 2021 17:28
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Oct 29 18:00:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:22:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.561	152	31180	0.400	ng		0.00
7) Naphthalene-d8	10.332	136	139306	0.400	ng		0.00
13) Acenaphthene-d10	14.194	164	73129	0.400	ng		0.00
19) Phenanthrene-d10	16.946	188	135153	0.400	ng		0.00
29) Chrysene-d12	21.165	240	138665	0.400	ng		0.00
35) Perylene-d12	23.369	264	139273	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.173	112	55763	0.852	ng		0.00
5) Phenol-d6	6.749	99	62783	0.838	ng		0.00
8) Nitrobenzene-d5	8.710	82	62749	0.695	ng		0.00
11) 2-Methylnaphthalene-d10	11.929	152	160543	0.813	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	20114	0.677	ng		0.00
15) 2-Fluorobiphenyl	12.824	172	224089	0.817	ng		0.00
27) Fluoranthene-d10	18.995	212	281672	0.833	ng		0.00
31) Terphenyl-d14	19.610	244	239082	0.779	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.162	88	12883	0.636	ng	#	70
3) n-Nitrosodimethylamine	3.485	42	22538	0.934	ng		99
6) bis(2-Chloroethyl)ether	7.008	93	67856	0.787	ng		99
9) Naphthalene	10.383	128	293915	0.811	ng		100
10) Hexachlorobutadiene	10.674	225	54145	0.755	ng	#	100
12) 2-Methylnaphthalene	12.000	142	188650	0.808	ng		99
16) Acenaphthylene	13.915	152	249137	0.842	ng		100
17) Acenaphthene	14.257	154	164424	0.812	ng		100
18) Fluorene	15.260	166	199935	0.820	ng		100
20) 4,6-Dinitro-2-methylph...	15.349	198	11069	0.777	ng		94
21) 4-Bromophenyl-phenylether	16.155	248	61426	0.780	ng		94
22) Hexachlorobenzene	16.264	284	66841	0.738	ng		100
23) Atrazine	16.435	200	41981	0.805	ng		97
24) Pentachlorophenol	16.605	266	21107	0.846	ng		99
25) Phenanthrene	16.995	178	314134	0.817	ng		100
26) Anthracene	17.080	178	267744	0.825	ng		100
28) Fluoranthene	19.025	202	354412	0.849	ng		100
30) Pyrene	19.387	202	350066	0.800	ng		100
32) Benzo(a)anthracene	21.144	228	352544	0.859	ng		99
33) Chrysene	21.197	228	361341	0.801	ng		100
34) Bis(2-ethylhexyl)phtha...	21.101	149	129031	0.727	ng		99
36) Indeno(1,2,3-cd)pyrene	25.594	276	426950	0.898	ng		100
37) Benzo(b)fluoranthene	22.709	252	357066	0.785	ng		100
38) Benzo(k)fluoranthene	22.753	252	368096	0.814	ng		99
39) Benzo(a)pyrene	23.274	252	327302	0.823	ng		100
40) Dibenzo(a,h)anthracene	25.618	278	348268	0.917	ng		100
41) Benzo(g,h,i)perylene	26.272	276	367590	0.867	ng		100

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

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