Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016614.D
Acq On : 30 Sep 2021 23:58
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 01 01:37:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 17:56:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32237	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	141364	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	72211	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	127122	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	117704	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	121300	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	30094	0.37	ng	0.00
5) Phenol-d6	6.822	99	32110	0.36	ng	0.00
8) Nitrobenzene-d5	8.784	82	30049	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	77266	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10540	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	108486	0.37	ng	0.00
27) Fluoranthene-d10	19.068	212	122627	0.36	ng	0.00
31) Terphenyl-d14	19.678	244	102508	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	5784	0.39	ng	# 90
3) n-Nitrosodimethylamine	3.576	42	8637	0.36	ng	99
6) bis(2-Chloroethyl)ether	7.080	93	33166	0.38	ng	100
9) Naphthalene	10.457	128	142383	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	27117	0.38	ng	# 99
12) 2-Methylnaphthalene	12.078	142	92221	0.38	ng	99
16) Acenaphthylene	13.989	152	111035	0.35	ng	100
17) Acenaphthene	14.332	154	77671	0.37	ng	99
18) Fluorene	15.322	166	92059	0.37	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	3161	0.33	ng	98
21) 4-Bromophenyl-phenylether	16.226	248	28900	0.37	ng	98
22) Hexachlorobenzene	16.336	284	35492	0.39	ng	99
23) Atrazine	16.506	200	18082	0.32	ng	100
24) Pentachlorophenol	16.677	266	10810	0.36	ng	99
25) Phenanthrene	17.066	178	144057	0.38	ng	100
26) Anthracene	17.151	178	116375	0.35	ng	100
28) Fluoranthene	19.093	202	154707	0.37	ng	100
30) Pyrene	19.460	202	154219	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	133127	0.37	ng	99
33) Chrysene	21.270	228	154247	0.42	ng	99
34) Bis(2-ethylhexyl)phtha...	21.164	149	46870	0.33	ng	99
36) Indeno(1,2,3-cd)pyrene	25.761	276	175325	0.41	ng	99
37) Benzo(b)fluoranthene	22.803	252	149575	0.38	ng	100
38) Benzo(k)fluoranthene	22.848	252	150583	0.39	ng	98
39) Benzo(a)pyrene	23.382	252	132558	0.38	ng	100
40) Dibenzo(a,h)anthracene	25.781	278	140435	0.40	ng	99
41) Benzo(g,h,i)perylene	26.452	276	153296	0.40	ng	100

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

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