Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016631.D
Acq On : 01 Oct 2021 11:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 01 11:51:32 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	33937	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	150398	0.40	ng	0.00
13) Acenaphthene-d10	14.268	164	79386	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	144390	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	138091	0.40	ng	0.00
35) Perylene-d12	23.484	264	144795	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	31713	0.37	ng	0.00
5) Phenol-d6	6.821	99	34583	0.37	ng	0.00
8) Nitrobenzene-d5	8.784	82	32675	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.002	152	82551	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12391	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	117727	0.37	ng	0.00
27) Fluoranthene-d10	19.068	212	141926	0.37	ng	0.00
31) Terphenyl-d14	19.678	244	118355	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	5770	0.37	ng	# 89
3) n-Nitrosodimethylamine	3.594	42	9268	0.37	ng	99
6) bis(2-Chloroethyl)ether	7.080	93	35394	0.38	ng	100
9) Naphthalene	10.457	128	151041	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	28996	0.38	ng	# 100
12) 2-Methylnaphthalene	12.078	142	98548	0.38	ng	99
16) Acenaphthylene	13.989	152	122594	0.35	ng	100
17) Acenaphthene	14.332	154	86019	0.37	ng	100
18) Fluorene	15.322	166	102709	0.37	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	2575	0.27	ng	99
21) 4-Bromophenyl-phenylether	16.226	248	32168	0.36	ng	94
22) Hexachlorobenzene	16.324	284	39465	0.38	ng	99
23) Atrazine	16.506	200	21562	0.33	ng	99
24) Pentachlorophenol	16.677	266	13084	0.38	ng	100
25) Phenanthrene	17.066	178	163218	0.38	ng	100
26) Anthracene	17.151	178	132902	0.35	ng	100
28) Fluoranthene	19.092	202	179139	0.38	ng	100
30) Pyrene	19.460	202	177432	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	162510	0.38	ng	99
33) Chrysene	21.270	228	172549	0.40	ng	99
34) Bis(2-ethylhexyl)phtha...	21.163	149	61172	0.36	ng	99
36) Indeno(1,2,3-cd)pyrene	25.760	276	207158	0.40	ng	100
37) Benzo(b)fluoranthene	22.806	252	172581	0.37	ng	100
38) Benzo(k)fluoranthene	22.851	252	182899	0.40	ng	99
39) Benzo(a)pyrene	23.381	252	158048	0.38	ng	100
40) Dibenzo(a,h)anthracene	25.781	278	166159	0.40	ng	99
41) Benzo(g,h,i)perylene	26.452	276	179773	0.39	ng	100

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

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