Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016667.D
Acq On : 02 Oct 2021 11:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 04 03:33:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	31795	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	141028	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	75673	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	142329	0.40	ng	#-0.01
29) Chrysene-d12	21.228	240	137783	0.40	ng	#-0.01
35) Perylene-d12	23.485	264	145842	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	30087	0.37	ng	0.00
5) Phenol-d6	6.822	99	33113	0.37	ng	0.00
8) Nitrobenzene-d5	8.785	82	32287	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	78626	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12402	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	112895	0.37	ng	-0.01
27) Fluoranthene-d10	19.063	212	143137	0.38	ng	0.00
31) Terphenyl-d14	19.679	244	118081	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	4160	0.28	ng	# 88
3) n-Nitrosodimethylamine	3.595	42	8740	0.37	ng	# 99
6) bis(2-Chloroethyl)ether	7.080	93	33078	0.38	ng	100
9) Naphthalene	10.458	128	141555	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	27217	0.38	ng	# 100
12) 2-Methylnaphthalene	12.074	142	93623	0.38	ng	100
16) Acenaphthylene	13.990	152	119627	0.36	ng	100
17) Acenaphthene	14.332	154	82465	0.37	ng	100
18) Fluorene	15.322	166	100258	0.38	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	2284	0.26	ng	98
21) 4-Bromophenyl-phenylether	16.227	248	31809	0.36	ng	# 90
22) Hexachlorobenzene	16.324	284	38012	0.37	ng	99
23) Atrazine	16.494	200	22064	0.34	ng	# 91
24) Pentachlorophenol	16.677	266	12234	0.36	ng	99
25) Phenanthrene	17.066	178	159929	0.37	ng	100
26) Anthracene	17.152	178	131892	0.36	ng	100
28) Fluoranthene	19.093	202	178440	0.39	ng	100
30) Pyrene	19.460	202	178447	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	160880	0.38	ng	99
33) Chrysene	21.270	228	180128	0.42	ng	99
34) Bis(2-ethylhexyl)phtha...	21.164	149	67999	0.40	ng	100
36) Indeno(1,2,3-cd)pyrene	25.764	276	196099	0.38	ng	99
37) Benzo(b)fluoranthene	22.807	252	174813	0.37	ng	99
38) Benzo(k)fluoranthene	22.851	252	184197	0.40	ng	# 97
39) Benzo(a)pyrene	23.385	252	163098	0.39	ng	100
40) Dibenzo(a,h)anthracene	25.781	278	154870	0.37	ng	97
41) Benzo(g,h,i)perylene	26.456	276	169051	0.37	ng	100

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

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