Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016797.D
Acq On : 07 Oct 2021 02:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 07 04:11:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19172	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	86123	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	46378	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	89205	0.40	ng	0.00
29) Chrysene-d12	21.227	240	93961	0.40	ng	0.00
35) Perylene-d12	23.474	264	100959	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	19782	0.40	ng	0.00
5) Phenol-d6	6.812	99	22112	0.41	ng	0.00
8) Nitrobenzene-d5	8.771	82	22029	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	51059	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.765	330	9122	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.885	172	72900	0.39	ng	0.00
27) Fluoranthene-d10	19.058	212	97703	0.40	ng	0.00
31) Terphenyl-d14	19.673	244	85643	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	3317	0.37	ng	# 73
3) n-Nitrosodimethylamine	3.576	42	5951	0.41	ng	# 100
6) bis(2-Chloroethyl)ether	7.070	93	21551	0.41	ng	100
9) Naphthalene	10.444	128	91991	0.39	ng	100
10) Hexachlorobutadiene	10.736	225	17847	0.41	ng	# 100
12) 2-Methylnaphthalene	12.069	142	60906	0.41	ng	100
16) Acenaphthylene	13.977	152	78910	0.39	ng	100
17) Acenaphthene	14.332	154	53484	0.40	ng	100
18) Fluorene	15.321	166	65713	0.40	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	3343	0.68	ng	# 66
21) 4-Bromophenyl-phenylether	16.214	248	21596	0.40	ng	# 89
22) Hexachlorobenzene	16.323	284	25667	0.42	ng	98
23) Atrazine	16.494	200	15449	0.36	ng	97
24) Pentachlorophenol	16.676	266	9031	0.64	ng	99
25) Phenanthrene	17.054	178	106998	0.41	ng	100
26) Anthracene	17.151	178	90338	0.39	ng	100
28) Fluoranthene	19.087	202	122359	0.42	ng	100
30) Pyrene	19.455	202	123566	0.40	ng	100
32) Benzo(a)anthracene	21.206	228	120463	0.41	ng	99
33) Chrysene	21.259	228	126932	0.43	ng	99
34) Bis(2-ethylhexyl)phtha...	21.163	149	52282	0.30	ng	100
36) Indeno(1,2,3-cd)pyrene	25.750	276	156384	0.49	ng	99
37) Benzo(b)fluoranthene	22.796	252	134328	0.41	ng	99
38) Benzo(k)fluoranthene	22.841	252	135107	0.43	ng	99
39) Benzo(a)pyrene	23.375	252	121944	0.42	ng	99
40) Dibenzo(a,h)anthracene	25.771	278	127896	0.50	ng	99
41) Benzo(g,h,i)perylene	26.445	276	129055	0.45	ng	99

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

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