Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016707.D
Acq On : 04 Oct 2021 12:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 04 17:54:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.633	152	25476	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	115946	0.40	ng		# 0.00
13) Acenaphthene-d10	14.269	164	63803	0.40	ng		0.00
19) Phenanthrene-d10	17.018	188	126639	0.40	ng		#-0.01
29) Chrysene-d12	21.238	240	121543	0.40	ng		# 0.00
35) Perylene-d12	23.488	264	119500	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	26024	0.40	ng		0.00
5) Phenol-d6	6.822	99	29711	0.41	ng		0.00
8) Nitrobenzene-d5	8.784	82	30549	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	67383	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	10857	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.886	172	94500	0.37	ng		-0.01
27) Fluoranthene-d10	19.068	212	131404	0.38	ng		0.00
31) Terphenyl-d14	19.678	244	109487	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	3344	0.28	ng		95
3) n-Nitrosodimethylamine	3.585	42	8128	0.42	ng		99
6) bis(2-Chloroethyl)ether	7.080	93	28059	0.41	ng		99
9) Naphthalene	10.457	128	120419	0.38	ng		100
10) Hexachlorobutadiene	10.749	225	22117	0.37	ng	#	100
12) 2-Methylnaphthalene	12.078	142	79381	0.39	ng		99
16) Acenaphthylene	13.990	152	105512	0.37	ng		100
17) Acenaphthene	14.332	154	70989	0.38	ng		100
18) Fluorene	15.322	166	87157	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	1704	0.43	ng	#	79
21) 4-Bromophenyl-phenylether	16.227	248	28954	0.38	ng	#	86
22) Hexachlorobenzene	16.324	284	32404	0.37	ng		100
23) Atrazine	16.506	200	18454	0.30	ng		97
24) Pentachlorophenol	16.677	266	5780	0.47	ng		99
25) Phenanthrene	17.066	178	140825	0.38	ng		100
26) Anthracene	17.151	178	124255	0.37	ng		100
28) Fluoranthene	19.098	202	159616	0.39	ng		100
30) Pyrene	19.460	202	161128	0.40	ng		100
32) Benzo(a)anthracene	21.217	228	156217	0.41	ng		99
33) Chrysene	21.270	228	153997	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	89695	0.39	ng		100
36) Indeno(1,2,3-cd)pyrene	25.771	276	150429	0.40	ng		100
37) Benzo(b)fluoranthene	22.810	252	161538	0.42	ng		100
38) Benzo(k)fluoranthene	22.855	252	150639	0.41	ng		100
39) Benzo(a)pyrene	23.389	252	138946	0.40	ng		99
40) Dibenzo(a,h)anthracene	25.791	278	119628	0.40	ng		99
41) Benzo(g,h,i)perylene	26.466	276	128837	0.38	ng		99

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

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