Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016740.D
Acq On : 05 Oct 2021 10:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 05 11:05:46 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	7.642	152	23318	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	103566	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	53161	0.40	ng	0.00
19) Phenanthrene-d10	17.029	188	101328	0.40	ng	0.00
29) Chrysene-d12	21.238	240	104040	0.40	ng	0.00
35) Perylene-d12	23.488	264	112545	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	23073	0.39	ng	0.00
5) Phenol-d6	6.822	99	25424	0.39	ng	0.00
8) Nitrobenzene-d5	8.784	82	26497	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	57274	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9161	0.42	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	81229	0.38	ng	-0.01
27) Fluoranthene-d10	19.068	212	104750	0.38	ng	0.00
31) Terphenyl-d14	19.678	244	89479	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	4003	0.37	ng	# 65
3) n-Nitrosodimethylamine	3.594	42	6657	0.38	ng	# 99
6) bis(2-Chloroethyl)ether	7.080	93	25009	0.39	ng	100
9) Naphthalene	10.457	128	105724	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	20257	0.38	ng	# 100
12) 2-Methylnaphthalene	12.078	142	68761	0.38	ng	100
16) Acenaphthylene	13.989	152	86733	0.37	ng	100
17) Acenaphthene	14.332	154	58192	0.38	ng	99
18) Fluorene	15.322	166	70674	0.38	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	1756	0.47	ng	# 74
21) 4-Bromophenyl-phenylether	16.226	248	22867	0.37	ng	# 91
22) Hexachlorobenzene	16.336	284	26871	0.38	ng	99
23) Atrazine	16.506	200	16704	0.34	ng	97
24) Pentachlorophenol	16.677	266	8457	0.59	ng	99
25) Phenanthrene	17.066	178	113254	0.38	ng	100
26) Anthracene	17.151	178	97070	0.36	ng	100
28) Fluoranthene	19.097	202	130172	0.39	ng	100
30) Pyrene	19.460	202	131569	0.38	ng	100
32) Benzo(a)anthracene	21.217	228	128403	0.40	ng	99
33) Chrysene	21.270	228	134591	0.41	ng	100
34) Bis(2-ethylhexyl)phtha...	21.174	149	61550	0.31	ng	100
36) Indeno(1,2,3-cd)pyrene	25.771	276	164679	0.46	ng	99
37) Benzo(b)fluoranthene	22.810	252	141299	0.39	ng	99
38) Benzo(k)fluoranthene	22.858	252	141648	0.41	ng	99
39) Benzo(a)pyrene	23.388	252	129955	0.40	ng	99
40) Dibenzo(a,h)anthracene	25.791	278	132506	0.47	ng	99
41) Benzo(g,h,i)perylene	26.469	276	141791	0.45	ng	100

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

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