Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101221\
Data File : BN016896.D
Acq On : 12 Oct 2021 10:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 12 11:55:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 12 02:31:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	20011	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	88267	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	45971	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	84478	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	83451	0.400	ng	#-0.01
35) Perylene-d12	23.471	264	82591	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	17139	0.334	ng	0.00
5) Phenol-d6	6.868	99	18531	0.322	ng	0.00
8) Nitrobenzene-d5	8.822	82	19876	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	12.038	152	48465	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6384	0.286	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	69845	0.397	ng	0.00
27) Fluoranthene-d10	19.068	212	80208	0.362	ng	0.00
31) Terphenyl-d14	19.678	244	71352	0.376	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.272	88	5568	0.372	ng	# 94
3) n-Nitrosodimethylamine	3.604	42	6000	0.367	ng	# 98
6) bis(2-Chloroethyl)ether	7.117	93	21738	0.387	ng	99
9) Naphthalene	10.495	128	91104	0.379	ng	99
10) Hexachlorobutadiene	10.787	225	17985	0.398	ng	# 99
12) 2-Methylnaphthalene	12.109	142	58158	0.387	ng	100
16) Acenaphthylene	14.015	152	69187	0.353	ng	100
17) Acenaphthene	14.358	154	49790	0.382	ng	99
18) Fluorene	15.347	166	59621	0.379	ng	99
20) 4,6-Dinitro-2-methylph...	15.423	198	3237	0.350	ng	97
21) 4-Bromophenyl-phenylether	16.239	248	18887	0.373	ng	# 90
22) Hexachlorobenzene	16.348	284	23078	0.400	ng	99
23) Atrazine	16.519	200	10955	0.297	ng	97
24) Pentachlorophenol	16.689	266	5697	0.347	ng	99
25) Phenanthrene	17.078	178	95521	0.394	ng	100
26) Anthracene	17.164	178	75893	0.356	ng	100
28) Fluoranthene	19.098	202	104035	0.390	ng	100
30) Pyrene	19.460	202	102579	0.375	ng	100
32) Benzo(a)anthracene	21.217	228	93559	0.350	ng	99
33) Chrysene	21.259	228	110401	0.403	ng	98
34) Bis(2-ethylhexyl)phtha...	21.164	149	30949	0.211	ng	100
36) Indeno(1,2,3-cd)pyrene	25.740	276	124638	0.385	ng	99
37) Benzo(b)fluoranthene	22.796	252	105663	0.383	ng	100
38) Benzo(k)fluoranthene	22.841	252	109143	0.400	ng	99
39) Benzo(a)pyrene	23.368	252	93207	0.371	ng	100
40) Dibenzo(a,h)anthracene	25.761	278	102080	0.386	ng	99
41) Benzo(g,h,i)perylene	26.432	276	109244	0.392	ng	99

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

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