Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016433.D
Acq On : 23 Sep 2021 22:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 24 02:33:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 18:55:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23384	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	99947	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50523	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	95976	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	92448	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	85410	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	18907	0.360	ng	0.00
5) Phenol-d6	6.849	99	22026	0.356	ng	0.00
8) Nitrobenzene-d5	8.810	82	28541	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	55573	0.375	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4311	0.354	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	79206	0.373	ng	0.00
27) Fluoranthene-d10	19.088	212	93248	0.354	ng	0.00
31) Terphenyl-d14	19.698	244	82254	0.383	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3970	0.396	ng	# 81
3) n-Nitrosodimethylamine	3.622	42	9821	0.408	ng	# 70
6) bis(2-Chloroethyl)ether	7.108	93	25059	0.400	ng	93
9) Naphthalene	10.483	128	100013	0.375	ng	99
10) Hexachlorobutadiene	10.774	225	20551	0.388	ng	# 99
12) 2-Methylnaphthalene	12.105	142	64480	0.382	ng	98
16) Acenaphthylene	14.015	152	78972	0.384	ng	100
17) Acenaphthene	14.358	154	53666	0.368	ng	97
18) Fluorene	15.347	166	64367	0.367	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	2246	0.346	ng	# 68
21) 4-Bromophenyl-phenylether	16.251	248	20679	0.369	ng	98
22) Hexachlorobenzene	16.348	284	21328	0.384	ng	# 90
23) Atrazine	16.531	200	12441	0.369	ng	97
24) Pentachlorophenol	16.701	266	4819	0.413	ng	98
25) Phenanthrene	17.091	178	105548	0.370	ng	99
26) Anthracene	17.176	178	84361	0.355	ng	99
28) Fluoranthene	19.118	202	115924	0.370	ng	99
30) Pyrene	19.480	202	111024	0.384	ng	99
32) Benzo(a)anthracene	21.238	228	101258	0.378	ng	99
33) Chrysene	21.291	228	115734	0.402	ng	100
34) Bis(2-ethylhexyl)phtha...	21.196	149	30302	0.415	ng	98
36) Indeno(1,2,3-cd)pyrene	25.812	276	106385	0.384	ng	99
37) Benzo(b)fluoranthene	22.834	252	102349	0.359	ng	98
38) Benzo(k)fluoranthene	22.879	252	108929	0.395	ng	98
39) Benzo(a)pyrene	23.416	252	85393	0.367	ng	96
40) Dibenzo(a,h)anthracene	25.833	278	91849	0.390	ng	97
41) Benzo(g,h,i)perylene	26.514	276	87923	0.363	ng	95

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

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