Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016484.D
Acq On : 25 Sep 2021 20:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 26 04:16:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21163	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	87428	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	43907	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	83764	0.40	ng	0.00
29) Chrysene-d12	21.248	240	82319	0.40	ng	# 0.00
35) Perylene-d12	23.515	264	74413	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	19154	0.40	ng	0.00
5) Phenol-d6	6.849	99	22380	0.40	ng	0.00
8) Nitrobenzene-d5	8.809	82	26717	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	51893	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4252	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	73138	0.40	ng	-0.01
27) Fluoranthene-d10	19.087	212	92939	0.40	ng	0.00
31) Terphenyl-d14	19.698	244	76602	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	2699	0.30	ng	# 80
3) n-Nitrosodimethylamine	3.631	42	7954	0.36	ng	# 71
6) bis(2-Chloroethyl)ether	7.107	93	24115	0.43	ng	90
9) Naphthalene	10.482	128	92023	0.39	ng	99
10) Hexachlorobutadiene	10.774	225	19566	0.42	ng	# 99
12) 2-Methylnaphthalene	12.100	142	59672	0.40	ng	96
16) Acenaphthylene	14.002	152	77009	0.43	ng	100
17) Acenaphthene	14.357	154	50247	0.40	ng	96
18) Fluorene	15.347	166	61247	0.40	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	770	0.23	ng	# 87
21) 4-Bromophenyl-phenylether	16.250	248	19634	0.40	ng	# 94
22) Hexachlorobenzene	16.348	284	20934	0.43	ng	# 89
23) Atrazine	16.518	200	10087	0.35	ng	# 91
24) Pentachlorophenol	16.701	266	4657	0.43	ng	99
25) Phenanthrene	17.090	178	99901	0.40	ng	99
26) Anthracene	17.175	178	81036	0.39	ng	99
28) Fluoranthene	19.117	202	115578	0.42	ng	99
30) Pyrene	19.480	202	112330	0.44	ng	99
32) Benzo(a)anthracene	21.238	228	97362	0.41	ng	100
33) Chrysene	21.291	228	110796	0.43	ng	100
34) Bis(2-ethylhexyl)phtha...	21.185	149	26157	0.40	ng	96
36) Indeno(1,2,3-cd)pyrene	25.812	276	85966	0.36	ng	99
37) Benzo(b)fluoranthene	22.834	252	92692	0.37	ng	98
38) Benzo(k)fluoranthene	22.878	252	102761	0.43	ng	98
39) Benzo(a)pyrene	23.416	252	78738	0.39	ng	# 96
40) Dibenzo(a,h)anthracene	25.832	278	70513	0.34	ng	96
41) Benzo(g,h,i)perylene	26.510	276	69405	0.33	ng	94

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

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