Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016465.D
Acq On : 25 Sep 2021 09:01
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 26 07:02:25 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	22048	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	92772	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	46871	0.40	ng	0.00
19) Phenanthrene-d10	17.041	188	87939	0.40	ng	0.00
29) Chrysene-d12	21.248	240	86758	0.40	ng	# 0.00
35) Perylene-d12	23.518	264	79332	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	18449	0.37	ng	0.00
5) Phenol-d6	6.849	99	21505	0.37	ng	0.00
8) Nitrobenzene-d5	8.809	82	27089	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	51586	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4356	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	72732	0.37	ng	-0.01
27) Fluoranthene-d10	19.087	212	87784	0.36	ng	0.00
31) Terphenyl-d14	19.698	244	75623	0.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3826	0.40	ng	# 83
3) n-Nitrosodimethylamine	3.603	42	9445	0.42	ng	# 71
6) bis(2-Chloroethyl)ether	7.107	93	23786	0.40	ng	93
9) Naphthalene	10.482	128	92910	0.38	ng	100
10) Hexachlorobutadiene	10.774	225	19319	0.39	ng	# 99
12) 2-Methylnaphthalene	12.100	142	59764	0.38	ng	98
16) Acenaphthylene	14.002	152	73439	0.39	ng	100
17) Acenaphthene	14.357	154	49590	0.37	ng	97
18) Fluorene	15.347	166	58923	0.36	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	998	0.25	ng	# 77
21) 4-Bromophenyl-phenylether	16.250	248	18898	0.37	ng	94
22) Hexachlorobenzene	16.348	284	19785	0.39	ng	# 90
23) Atrazine	16.518	200	11570	0.37	ng	# 91
24) Pentachlorophenol	16.701	266	4940	0.43	ng	99
25) Phenanthrene	17.090	178	96924	0.37	ng	99
26) Anthracene	17.175	178	78516	0.36	ng	99
28) Fluoranthene	19.117	202	108303	0.38	ng	99
30) Pyrene	19.480	202	107249	0.39	ng	99
32) Benzo(a)anthracene	21.238	228	95003	0.38	ng	99
33) Chrysene	21.291	228	108556	0.40	ng	100
34) Bis(2-ethylhexyl)phtha...	21.185	149	29670	0.43	ng	98
36) Indeno(1,2,3-cd)pyrene	25.812	276	92371	0.36	ng	99
37) Benzo(b)fluoranthene	22.834	252	97378	0.37	ng	98
38) Benzo(k)fluoranthene	22.878	252	100168	0.39	ng	99
39) Benzo(a)pyrene	23.416	252	80474	0.37	ng	# 97
40) Dibenzo(a,h)anthracene	25.832	278	77809	0.36	ng	95
41) Benzo(g,h,i)perylene	26.510	276	75546	0.34	ng	95

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

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