Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092920\
Data File : BN012027.D
Acq On : 29 Sep 2020 19:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
10/1/2020 1:31:13 PM

Quant Time: Sep 29 19:43:44 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 10:58:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	1441	0.40	ng	0.00
7) Naphthalene-d8	10.440	136	5952	0.40	ng	# 0.00
13) Acenaphthene-d10	14.306	164	3107	0.40	ng	0.00
19) Phenanthrene-d10	17.041	188	6116	0.40	ng	#-0.01
29) Chrysene-d12	21.248	240	5548	0.40	ng	# 0.00
36) Perylene-d12	23.460	264	6063	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.275	112	1955	0.39	ng	0.00
5) Phenol-d6	6.845	99	2473	0.39	ng	0.00
8) Nitrobenzene-d5	8.818	82	2471	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	3490	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	684	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.923	172	4420	0.38	ng	0.00
27) Fluoranthene-d10	19.082	212	6662	0.37	ng	0.00
31) Terphenyl-d14	19.688	244	4925	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	860	0.34	ng	# 87
3) n-Nitrosodimethylamine	3.560	42	1793	0.50	ng	# 86
6) bis(2-Chloroethyl)ether	7.103	93	1958	0.36	ng	93
9) Naphthalene	10.491	128	6330	0.37	ng	99
10) Hexachlorobutadiene	10.782	225	1208	0.43	ng	# 99
12) 2-Methylnaphthalene	12.113	142	3978	0.37	ng	# 93
16) Acenaphthylene	14.014	152	5677	0.38	ng	99
17) Acenaphthene	14.357	154	3753	0.37	ng	92
18) Fluorene	15.359	166	4622	0.37	ng	99
20) 4,6-Dinitro-2-methylph...	15.435	198	464	0.40	ng	# 13
21) 4-Bromophenyl-phenylether	16.250	248	1282	0.40	ng	# 85
22) Hexachlorobenzene	16.360	284	1534	0.41	ng	# 79
23) Atrazine	16.518	200	1220	0.39	ng	# 95
24) Pentachlorophenol	16.701	266	733	0.40	ng	97
25) Phenanthrene	17.090	178	6732	0.36	ng	100
26) Anthracene	17.175	178	5835	0.36	ng	99
28) Fluoranthene	19.112	202	7537	0.36	ng	# 97
30) Pyrene	19.479	202	7762	0.38	ng	100
32) Benzo(a)anthracene	21.227	228	6411	0.36	ng	98
33) Chrysene	21.280	228	7315	0.38	ng	98
34) Bis(2-ethylhexyl)phtha...	21.174	149	5040	0.40	ng	# 90
35) Indeno(1,2,3-cd)pyrene	25.664	276	8905	0.41	ng	97
37) Benzo(b)fluoranthene	22.796	252	7068	0.34	ng	# 77
38) Benzo(k)fluoranthene	22.837	252	8443m	0.37	ng	
39) Benzo(a)pyrene	23.361	252	6961	0.36	ng	# 68
40) Dibenzo(a,h)anthracene	25.685	278	7412	0.37	ng	# 86
41) Benzo(g,h,i)perylene	26.342	276	8060	0.38	ng	# 93

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

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