Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
Data File : BN020501.D
Acq On : 27 Jun 2022 15:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 28 01:28:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2814	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	9129	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	5613	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	12359	0.400	ng	0.00
29) Chrysene-d12	21.306	240	8890	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	6919	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3271	0.419	ng	0.00
5) Phenol-d6	6.944	99	4033	0.432	ng	0.00
8) Nitrobenzene-d5	8.897	82	2759	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	6226	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	803	0.380	ng	0.00
15) 2-Fluorobiphenyl	12.999	172	8930	0.385	ng	0.00
27) Fluoranthene-d10	19.147	212	12823	0.349	ng	0.00
31) Terphenyl-d14	19.746	244	9118	0.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	1394	0.378	ng	97
3) n-Nitrosodimethylamine	3.564	42	1182	0.352	ng	# 90
6) bis(2-Chloroethyl)ether	7.168	93	3248	0.404	ng	99
9) Naphthalene	10.573	128	10770	0.395	ng	99
10) Hexachlorobutadiene	10.872	225	1942	0.391	ng	# 100
12) 2-Methylnaphthalene	12.193	142	7186	0.397	ng	99
16) Acenaphthylene	14.089	152	10256	0.380	ng	99
17) Acenaphthene	14.431	154	7140	0.389	ng	96
18) Fluorene	15.415	166	9358	0.391	ng	100
20) 4,6-Dinitro-2-methylph...	15.522	198	487	0.426	ng	# 70
21) 4-Bromophenyl-phenylether	16.313	248	2672	0.372	ng	# 83
22) Hexachlorobenzene	16.426	284	2954	0.371	ng	99
23) Atrazine	16.579	200	1930	0.341	ng	98
24) Pentachlorophenol	16.785	266	815	0.503	ng	96
25) Phenanthrene	17.154	178	15401	0.370	ng	100
26) Anthracene	17.246	178	13160	0.366	ng	100
28) Fluoranthene	19.177	202	15993	0.352	ng	100
30) Pyrene	19.539	202	16162	0.429	ng	99
32) Benzo(a)anthracene	21.288	228	12312	0.388	ng	98
33) Chrysene	21.342	228	13646	0.388	ng	99
34) Bis(2-ethylhexyl)phtha...	21.225	149	7073	0.395	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.922	276	10407	0.338	ng	98
37) Benzo(b)fluoranthene	22.896	252	10691	0.401	ng	95
38) Benzo(k)fluoranthene	22.940	252	10876	0.383	ng	94
39) Benzo(a)pyrene	23.486	252	8824	0.382	ng	# 90
40) Dibenzo(a,h)anthracene	25.931	278	8398	0.340	ng	96
41) Benzo(g,h,i)perylene	26.629	276	9241	0.342	ng	96

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

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