Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020156.D
Acq On : 14 Jun 2022 13:54
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 14 16:02:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 15:58:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4783	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	13713	0.400	ng	0.00
13) Acenaphthene-d10	14.431	164	8570	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	17741	0.400	ng	# 0.00
29) Chrysene-d12	21.360	240	16643	0.400	ng	# 0.00
35) Perylene-d12	23.677	264	13552	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	57868	4.394	ng	0.00
5) Phenol-d6	6.973	99	76186	5.073	ng	0.00
8) Nitrobenzene-d5	8.950	82	55831	5.662	ng	-0.01
11) 2-Methylnaphthalene-d10	12.178	152	119530	4.879	ng	0.00
14) 2,4,6-Tribromophenol	15.913	330	19112	5.861	ng	0.00
15) 2-Fluorobiphenyl	13.052	172	168678	4.881	ng	0.00
27) Fluoranthene-d10	19.202	212	271250	4.923	ng	0.00
31) Terphenyl-d14	19.805	244	191033	4.727	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	25588	4.541	ng	92
3) n-Nitrosodimethylamine	3.615	42	27436	5.199	ng	# 88
6) bis(2-Chloroethyl)ether	7.226	93	65302	5.002	ng	97
9) Naphthalene	10.637	128	198849	4.799	ng	99
10) Hexachlorobutadiene	10.936	225	34127	4.651	ng	# 100
12) 2-Methylnaphthalene	12.254	142	138117	4.831	ng	98
16) Acenaphthylene	14.143	152	221987	5.488	ng	98
17) Acenaphthene	14.485	154	139385	4.908	ng	98
18) Fluorene	15.479	166	180229	4.730	ng	100
21) 4-Bromophenyl-phenylether	16.364	248	53433	5.138	ng	90
22) Hexachlorobenzene	16.487	284	56785	4.967	ng	99
23) Atrazine	16.641	200	43655	5.752	ng	96
24) Pentachlorophenol	16.826	266	27150	6.743	ng	98
25) Phenanthrene	17.205	178	294172	4.843	ng	100
26) Anthracene	17.297	178	272646	5.266	ng	100
28) Fluoranthene	19.232	202	333886	4.892	ng	99
30) Pyrene	19.594	202	342045	4.757	ng	100
32) Benzo(a)anthracene	21.342	228	316500	5.095	ng	99
33) Chrysene	21.396	228	317746	4.751	ng	99
34) Bis(2-ethylhexyl)phtha...	21.279	149	201598	5.477	ng	99
36) Indeno(1,2,3-cd)pyrene	26.056	276	279478	4.898	ng	99
37) Benzo(b)fluoranthene	22.975	252	281850	5.107	ng	98
38) Benzo(k)fluoranthene	23.022	252	279233	5.011	ng	99
39) Benzo(a)pyrene	23.574	252	234385	5.063	ng	95
40) Dibenzo(a,h)anthracene	26.068	278	225628	4.928	ng	97
41) Benzo(g,h,i)perylene	26.779	276	238177	4.752	ng	98

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

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