Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062622\
Data File : BN020499.D
Acq On : 27 Jun 2022 14:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 28 00:34:20 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	3203	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	10336	0.400	ng		# 0.00
13) Acenaphthene-d10	14.367	164	6575	0.400	ng		0.00
19) Phenanthrene-d10	17.113	188	14181	0.400	ng		0.00
29) Chrysene-d12	21.306	240	11622	0.400	ng		# 0.00
35) Perylene-d12	23.586	264	9212	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	3727	0.419	ng		0.00
5) Phenol-d6	6.944	99	4667	0.439	ng		0.00
8) Nitrobenzene-d5	8.897	82	3252	0.388	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	7165	0.404	ng		0.00
14) 2,4,6-Tribromophenol	15.861	330	979	0.395	ng		0.00
15) 2-Fluorobiphenyl	12.998	172	10376	0.382	ng		0.00
27) Fluoranthene-d10	19.147	212	15713	0.373	ng		0.00
31) Terphenyl-d14	19.746	244	11159	0.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	1659	0.395	ng		95
3) n-Nitrosodimethylamine	3.564	42	1411	0.369	ng	#	91
6) bis(2-Chloroethyl)ether	7.168	93	3689	0.404	ng		98
9) Naphthalene	10.573	128	12208	0.395	ng		99
10) Hexachlorobutadiene	10.872	225	2214	0.394	ng	#	100
12) 2-Methylnaphthalene	12.193	142	8290	0.404	ng		100
16) Acenaphthylene	14.089	152	12162	0.385	ng		99
17) Acenaphthene	14.431	154	8377	0.390	ng		97
18) Fluorene	15.414	166	10912	0.389	ng		100
20) 4,6-Dinitro-2-methylph...	15.511	198	709	0.480	ng	#	82
21) 4-Bromophenyl-phenylether	16.313	248	3047	0.370	ng	#	83
22) Hexachlorobenzene	16.425	284	3360	0.368	ng		99
23) Atrazine	16.579	200	2322	0.357	ng		96
24) Pentachlorophenol	16.784	266	1058	0.545	ng		99
25) Phenanthrene	17.154	178	17708	0.370	ng		100
26) Anthracene	17.246	178	15277	0.371	ng		99
28) Fluoranthene	19.177	202	19453	0.373	ng		100
30) Pyrene	19.539	202	19994	0.406	ng		100
32) Benzo(a)anthracene	21.288	228	16206	0.390	ng		98
33) Chrysene	21.342	228	17751	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.225	149	9944	0.425	ng		99
36) Indeno(1,2,3-cd)pyrene	25.916	276	13422	0.327	ng		99
37) Benzo(b)fluoranthene	22.896	252	14396	0.406	ng		94
38) Benzo(k)fluoranthene	22.942	252	14549	0.385	ng		96
39) Benzo(a)pyrene	23.483	252	11986	0.389	ng	#	93
40) Dibenzo(a,h)anthracene	25.936	278	10348	0.314	ng		96
41) Benzo(g,h,i)perylene	26.629	276	11514	0.320	ng		98

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

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