Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081121\
Data File : BN015852.D
Acq On : 11 Aug 2021 14:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 11 15:26:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 12:37:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	8494	0.400	ng	0.00
7) Naphthalene-d8	10.724	136	42236	0.400	ng	0.00
13) Acenaphthene-d10	14.561	164	24660	0.400	ng	0.00
19) Phenanthrene-d10	17.310	188	50440	0.400	ng	0.00
29) Chrysene-d12	21.504	240	57433	0.400	ng	# 0.01
35) Perylene-d12	23.933	264	53296	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.494	112	8401	0.380	ng	0.00
5) Phenol-d6	7.080	99	11418	0.381	ng	0.00
8) Nitrobenzene-d5	9.076	82	12443	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.314	152	26798	0.395	ng	0.00
14) 2,4,6-Tribromophenol	16.044	330	3763	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.190	172	36475	0.368	ng	0.00
27) Fluoranthene-d10	19.341	212	59242	0.387	ng	0.00
31) Terphenyl-d14	19.937	244	64736	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	1284	0.361	ng	97
3) n-Nitrosodimethylamine	3.779	42	3145	0.363	ng	# 97
6) bis(2-Chloroethyl)ether	7.347	93	9227	0.396	ng	99
9) Naphthalene	10.774	128	42510	0.383	ng	100
10) Hexachlorobutadiene	11.066	225	11526	0.402	ng	# 99
12) 2-Methylnaphthalene	12.390	142	29167	0.379	ng	100
16) Acenaphthylene	14.282	152	37394	0.356	ng	100
17) Acenaphthene	14.624	154	25839	0.371	ng	100
18) Fluorene	15.601	166	32738	0.373	ng	99
20) 4,6-Dinitro-2-methylph...	15.677	198	1242	0.251	ng	98
21) 4-Bromophenyl-phenylether	16.494	248	10338	0.382	ng	98
22) Hexachlorobenzene	16.616	284	13542	0.387	ng	99
23) Atrazine	16.762	200	7943	0.334	ng	98
24) Pentachlorophenol	16.957	266	4166	0.311	ng	99
25) Phenanthrene	17.346	178	53334	0.378	ng	100
26) Anthracene	17.444	178	45537	0.356	ng	100
28) Fluoranthene	19.371	202	64870	0.383	ng	100
30) Pyrene	19.733	202	63893	0.352	ng	100
32) Benzo(a)anthracene	21.482	228	69983	0.375	ng	100
33) Chrysene	21.536	228	67671	0.362	ng	99
34) Bis(2-ethylhexyl)phtha...	21.419	149	25141	0.296	ng	100
36) Indeno(1,2,3-cd)pyrene	26.449	276	66168	0.362	ng	99
37) Benzo(b)fluoranthene	23.194	252	68631	0.368	ng	99
38) Benzo(k)fluoranthene	23.242	252	64988	0.376	ng	100
39) Benzo(a)pyrene	23.823	252	59116	0.366	ng	100
40) Dibenzo(a,h)anthracene	26.473	278	54549	0.367	ng	99
41) Benzo(g,h,i)perylene	27.222	276	57425	0.355	ng	99

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

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