Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027296.D
Acq On : 31 Aug 2023 05:45
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 31 06:14:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4616	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	13331	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	7677	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	17560	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	13770	0.400	ng	0.00
35) Perylene-d12	24.145	264	12031	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	4160	0.346	ng	0.00
5) Phenol-d6	7.199	99	5069	0.346	ng	0.00
8) Nitrobenzene-d5	9.251	82	3557	0.366	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	7014	0.358	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	897	0.316	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	11052	0.379	ng	0.00
27) Fluoranthene-d10	19.458	212	15711	0.360	ng	0.00
31) Terphenyl-d14	20.048	244	10078	0.364	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	2089	0.371	ng	# 88
3) n-Nitrosodimethylamine	3.805	42	2492	0.417	ng	# 89
6) bis(2-Chloroethyl)ether	7.495	93	5359	0.379	ng	97
9) Naphthalene	10.938	128	13631	0.375	ng	99
10) Hexachlorobutadiene	11.173	225	2540	0.375	ng	# 99
12) 2-Methylnaphthalene	12.536	142	9469	0.366	ng	99
16) Acenaphthylene	14.416	152	12661	0.362	ng	100
17) Acenaphthene	14.758	154	9218	0.395	ng	98
18) Fluorene	15.730	166	12027	0.387	ng	99
20) 4,6-Dinitro-2-methylph...	16.884	198	88	0.352	ng	84
21) 4-Bromophenyl-phenylether	16.624	248	3359	0.363	ng	# 89
22) Hexachlorobenzene	16.710	284	4331	0.394	ng	98
23) Atrazine	16.884	200	2359	0.340	ng	94
24) Pentachlorophenol	17.070	266	1242	0.294	ng	99
25) Phenanthrene	17.480	178	19806	0.384	ng	100
26) Anthracene	17.579	178	15424	0.352	ng	99
28) Fluoranthene	19.490	202	22158	0.365	ng	99
30) Pyrene	19.857	202	22048	0.403	ng	100
32) Benzo(a)anthracene	21.596	228	16718	0.354	ng	99
33) Chrysene	21.659	228	19594	0.378	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	7986	0.351	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.823	276	16120	0.330	ng	# 84
37) Benzo(b)fluoranthene	23.355	252	17714	0.380	ng	99
38) Benzo(k)fluoranthene	23.408	252	17320	0.362	ng	97
39) Benzo(a)pyrene	24.031	252	15097	0.347	ng	96
40) Dibenzo(a,h)anthracene	26.846	278	12479	0.326	ng	98
41) Benzo(g,h,i)perylene	27.647	276	15643	0.352	ng	97

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

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