Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027192.D
Acq On : 27 Aug 2023 16:25
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 28 00:44:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	10447	0.400	ng		-0.01
7) Naphthalene-d8	10.895	136	29251	0.400	ng		#-0.01
13) Acenaphthene-d10	14.705	164	17291	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	37819	0.400	ng		#-0.01
29) Chrysene-d12	21.632	240	29393	0.400	ng		0.00
35) Perylene-d12	24.162	264	27438	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	9828	0.334	ng		-0.01
5) Phenol-d6	7.214	99	12584	0.346	ng		0.00
8) Nitrobenzene-d5	9.262	82	8055	0.326	ng		-0.01
11) 2-Methylnaphthalene-d10	12.472	152	16704	0.359	ng		-0.01
14) 2,4,6-Tribromophenol	16.189	330	2242	0.244	ng		-0.01
15) 2-Fluorobiphenyl	13.326	172	26767	0.417	ng		-0.01
27) Fluoranthene-d10	19.472	212	35598	0.367	ng		0.00
31) Terphenyl-d14	20.057	244	23389	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	4937	0.439	ng		98
3) n-Nitrosodimethylamine	3.805	42	5507	0.440	ng		93
6) bis(2-Chloroethyl)ether	7.503	93	12934	0.423	ng		96
9) Naphthalene	10.949	128	31608	0.411	ng		99
10) Hexachlorobutadiene	11.184	225	6121	0.389	ng	#	99
12) 2-Methylnaphthalene	12.547	142	22477	0.374	ng		98
16) Acenaphthylene	14.427	152	32672	0.396	ng		100
17) Acenaphthene	14.758	154	21381	0.419	ng		98
18) Fluorene	15.742	166	28045	0.410	ng		98
20) 4,6-Dinitro-2-methylph...	16.897	198	233	0.393	ng	#	48
21) 4-Bromophenyl-phenylether	16.636	248	7905	0.366	ng	#	92
22) Hexachlorobenzene	16.723	284	9765	0.423	ng		96
23) Atrazine	16.897	200	5732	0.298	ng	#	92
24) Pentachlorophenol	17.083	266	2923	0.251	ng		97
25) Phenanthrene	17.492	178	44484	0.409	ng		100
26) Anthracene	17.579	178	36949	0.364	ng		100
28) Fluoranthene	19.500	202	50037	0.389	ng		99
30) Pyrene	19.867	202	50197	0.444	ng		99
32) Benzo(a)anthracene	21.614	228	39217	0.370	ng		99
33) Chrysene	21.668	228	45316	0.423	ng		99
34) Bis(2-ethylhexyl)phtha...	21.488	149	18285	0.239	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.837	276	39755	0.354	ng		96
37) Benzo(b)fluoranthene	23.373	252	42322	0.461	ng		98
38) Benzo(k)fluoranthene	23.426	252	41244	0.437	ng		98
39) Benzo(a)pyrene	24.045	252	37504	0.408	ng		97
40) Dibenzo(a,h)anthracene	26.861	278	31149	0.348	ng		97
41) Benzo(g,h,i)perylene	27.671	276	35550	0.369	ng		97

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

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