Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023516.D
Acq On : 28 Dec 2022 10:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 28 10:54:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:57:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	6175	0.400	ng		0.00
7) Naphthalene-d8	10.787	136	17560	0.400	ng		#-0.01
13) Acenaphthene-d10	14.624	164	9868	0.400	ng		0.00
19) Phenanthrene-d10	17.365	188	20464	0.400	ng		#-0.01
29) Chrysene-d12	21.563	240	14776	0.400	ng		0.00
35) Perylene-d12	24.001	264	9641	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.514	112	5151	0.377	ng		0.00
5) Phenol-d6	7.132	99	6237	0.372	ng		0.00
8) Nitrobenzene-d5	9.142	82	5008	0.365	ng		0.00
11) 2-Methylnaphthalene-d10	12.378	152	9177	0.359	ng		0.00
14) 2,4,6-Tribromophenol	16.111	330	1588	0.328	ng		-0.01
15) 2-Fluorobiphenyl	13.244	172	15204	0.389	ng		-0.01
27) Fluoranthene-d10	19.401	212	18014	0.360	ng		0.00
31) Terphenyl-d14	19.996	244	16044	0.466	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2406	0.404	ng		98
3) n-Nitrosodimethylamine	3.694	42	2715	0.379	ng	#	96
6) bis(2-Chloroethyl)ether	7.392	93	6659	0.409	ng		100
9) Naphthalene	10.840	128	17600	0.392	ng		99
10) Hexachlorobutadiene	11.128	225	3633	0.402	ng	#	99
12) 2-Methylnaphthalene	12.450	142	12493	0.387	ng		98
16) Acenaphthylene	14.346	152	14950	0.364	ng		100
17) Acenaphthene	14.688	154	10766	0.390	ng		99
18) Fluorene	15.671	166	14589	0.379	ng		100
20) 4,6-Dinitro-2-methylph...	15.751	198	872	0.479	ng		89
21) 4-Bromophenyl-phenylether	16.558	248	4605	0.384	ng	#	86
22) Hexachlorobenzene	16.670	284	5861	0.405	ng		99
23) Atrazine	16.831	200	3086	0.333	ng		97
24) Pentachlorophenol	17.017	266	1635	0.395	ng		99
25) Phenanthrene	17.415	178	22517	0.386	ng		100
26) Anthracene	17.501	178	17348	0.359	ng		100
28) Fluoranthene	19.431	202	23963	0.366	ng		100
30) Pyrene	19.793	202	24174	0.438	ng		100
32) Benzo(a)anthracene	21.545	228	18186	0.369	ng		100
33) Chrysene	21.598	228	19607	0.388	ng		100
34) Bis(2-ethylhexyl)phtha...	21.464	149	10404	0.344	ng		100
36) Indeno(1,2,3-cd)pyrene	26.541	276	14003	0.389	ng		99
37) Benzo(b)fluoranthene	23.252	252	15699	0.424	ng		98
38) Benzo(k)fluoranthene	23.302	252	14661	0.403	ng		99
39) Benzo(a)pyrene	23.887	252	11566	0.409	ng	#	94
40) Dibenzo(a,h)anthracene	26.562	278	10461	0.381	ng		99
41) Benzo(g,h,i)perylene	27.328	276	12172	0.384	ng		99

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

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