Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032723\
Data File : BN024559.D
Acq On : 27 Mar 2023 12:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

Quant Time: Mar 28 01:57:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 00:22:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.018	152	10073	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	28868	0.400	ng		0.00
13) Acenaphthene-d10	14.654	164	14139	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	28580	0.400	ng		0.00
29) Chrysene-d12	21.592	240	14708	0.400	ng		0.00
35) Perylene-d12	24.100	264	11460	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.563	112	9905	0.444	ng		0.00
5) Phenol-d6	7.173	99	12052	0.421	ng		0.00
8) Nitrobenzene-d5	9.179	82	10778	0.559	ng		-0.01
11) 2-Methylnaphthalene-d10	12.414	152	16459	0.464	ng		0.00
14) 2,4,6-Tribromophenol	16.147	330	2433	0.337	ng		0.00
15) 2-Fluorobiphenyl	13.275	172	26431	0.495	ng		-0.01
27) Fluoranthene-d10	19.429	212	25595	0.422	ng		0.00
31) Terphenyl-d14	20.016	244	13477	0.543	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	4974	0.454	ng		94
3) n-Nitrosodimethylamine	3.750	42	8299	0.517	ng		91
6) bis(2-Chloroethyl)ether	7.433	93	13028	0.458	ng		96
9) Naphthalene	10.877	128	34369	0.468	ng		98
10) Hexachlorobutadiene	11.165	225	6786	0.488	ng	#	100
12) 2-Methylnaphthalene	12.490	142	22464	0.453	ng		98
16) Acenaphthylene	14.376	152	28909	0.431	ng		100
17) Acenaphthene	14.718	154	19383	0.454	ng		97
18) Fluorene	15.702	166	23498	0.461	ng		98
20) 4,6-Dinitro-2-methylph...	15.774	198	802	0.328	ng	#	68
21) 4-Bromophenyl-phenylether	16.581	248	7670	0.451	ng	#	68
22) Hexachlorobenzene	16.705	284	9853	0.473	ng		99
23) Atrazine	16.854	200	4247	0.394	ng		98
24) Pentachlorophenol	17.053	266	2591	0.333	ng		99
25) Phenanthrene	17.438	178	37913	0.448	ng		100
26) Anthracene	17.537	178	31519	0.403	ng		100
28) Fluoranthene	19.459	202	37593	0.406	ng		99
30) Pyrene	19.821	202	37074	0.622	ng		100
32) Benzo(a)anthracene	21.574	228	21879	0.446	ng		99
33) Chrysene	21.628	228	25913	0.494	ng		99
34) Bis(2-ethylhexyl)phtha...	21.484	149	13318	0.576	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.708	276	17572	0.410	ng	#	67
37) Benzo(b)fluoranthene	23.328	252	20299	0.455	ng		93
38) Benzo(k)fluoranthene	23.383	252	20699m	0.450	ng		
39) Benzo(a)pyrene	23.980	252	17378	0.425	ng	#	88
40) Dibenzo(a,h)anthracene	26.737	278	12738	0.383	ng		95
41) Benzo(g,h,i)perylene	27.517	276	18549	0.478	ng		99

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

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