Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028247.D
Acq On : 11 Oct 2023 23:51
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 12 04:07:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 04:03:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.914	152	2370	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	8086	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	5345	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	12484	0.400	ng		0.00
29) Chrysene-d12	21.515	240	13395	0.400	ng		0.00
35) Perylene-d12	23.990	264	15606	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.452	112	2760	0.390	ng		-0.01
5) Phenol-d6	7.084	99	3449	0.387	ng		0.00
8) Nitrobenzene-d5	9.123	82	2568	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	4980	0.416	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	970	0.396	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	7192	0.373	ng		0.00
27) Fluoranthene-d10	19.356	212	13727	0.438	ng		0.00
31) Terphenyl-d14	19.946	244	10696	0.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.336	88	1164	0.438	ng		97
3) n-Nitrosodimethylamine	3.697	42	1263	0.415	ng		100
6) bis(2-Chloroethyl)ether	7.358	93	2606	0.363	ng		93
9) Naphthalene	10.789	128	8473	0.406	ng		98
10) Hexachlorobutadiene	11.002	225	1409	0.380	ng	#	100
12) 2-Methylnaphthalene	12.400	142	6147	0.421	ng		98
16) Acenaphthylene	14.288	152	9345	0.395	ng		100
17) Acenaphthene	14.630	154	6242	0.414	ng		99
18) Fluorene	15.618	166	8316	0.424	ng		100
20) 4,6-Dinitro-2-methylph...	16.785	198	68	0.410	ng		83
21) 4-Bromophenyl-phenylether	16.512	248	2499	0.384	ng	#	72
22) Hexachlorobenzene	16.586	284	2645	0.387	ng		97
23) Atrazine	16.785	200	2214	0.389	ng		98
24) Pentachlorophenol	16.971	266	967	0.301	ng		95
25) Phenanthrene	17.368	178	13804	0.410	ng		100
26) Anthracene	17.455	178	12621	0.397	ng		99
28) Fluoranthene	19.388	202	17499	0.451	ng		100
30) Pyrene	19.755	202	18310	0.373	ng		100
32) Benzo(a)anthracene	21.498	228	19068	0.418	ng		99
33) Chrysene	21.560	228	19040	0.433	ng		100
34) Bis(2-ethylhexyl)phtha...	21.372	149	12767	0.426	ng		99
36) Indeno(1,2,3-cd)pyrene	26.586	276	23538	0.448	ng		99
37) Benzo(b)fluoranthene	23.221	252	19616	0.389	ng		98
38) Benzo(k)fluoranthene	23.274	252	19643	0.384	ng		98
39) Benzo(a)pyrene	23.879	252	19056	0.400	ng		97
40) Dibenzo(a,h)anthracene	26.595	278	18879	0.440	ng		97
41) Benzo(g,h,i)perylene	27.396	276	20065	0.455	ng		98

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

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