Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028273.D
Acq On : 13 Oct 2023 09:52
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 13 10:39:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	3649	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	11688	0.400	ng	-0.01
13) Acenaphthene-d10	14.534	164	6962	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	15357	0.400	ng	#-0.01
29) Chrysene-d12	21.497	240	15826	0.400	ng	# 0.00
35) Perylene-d12	23.952	264	18961	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	4160	0.367	ng	0.00
5) Phenol-d6	7.048	99	5338	0.383	ng	0.00
8) Nitrobenzene-d5	9.091	82	3786	0.365	ng	-0.01
11) 2-Methylnaphthalene-d10	12.294	152	6923	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.053	330	1146	0.338	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	9812	0.401	ng	0.00
27) Fluoranthene-d10	19.332	212	16359	0.398	ng	0.00
31) Terphenyl-d14	19.922	244	12933	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	1521	0.345	ng	# 92
3) n-Nitrosodimethylamine	3.660	42	1924	0.399	ng	# 95
6) bis(2-Chloroethyl)ether	7.322	93	4503	0.419	ng	97
9) Naphthalene	10.757	128	12214	0.403	ng	99
10) Hexachlorobutadiene	10.970	225	2065	0.397	ng	# 99
12) 2-Methylnaphthalene	12.370	142	8422	0.391	ng	100
16) Acenaphthylene	14.266	152	12158	0.389	ng	100
17) Acenaphthene	14.598	154	8054	0.409	ng	99
18) Fluorene	15.581	166	10310	0.397	ng	99
20) 4,6-Dinitro-2-methylph...	15.730	198	285	0.444	ng	# 81
21) 4-Bromophenyl-phenylether	16.475	248	3188	0.403	ng	# 73
22) Hexachlorobenzene	16.561	284	3295	0.405	ng	99
23) Atrazine	16.760	200	2736	0.369	ng	100
24) Pentachlorophenol	16.946	266	1212	0.326	ng	97
25) Phenanthrene	17.343	178	16983	0.404	ng	100
26) Anthracene	17.430	178	15572	0.388	ng	100
28) Fluoranthene	19.365	202	20681	0.392	ng	99
30) Pyrene	19.732	202	21591	0.399	ng	100
32) Benzo(a)anthracene	21.479	228	22036	0.392	ng	98
33) Chrysene	21.533	228	22284	0.414	ng	98
34) Bis(2-ethylhexyl)phtha...	21.354	149	15383	0.358	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.525	276	29533	0.386	ng	99
37) Benzo(b)fluoranthene	23.192	252	22971	0.388	ng	97
38) Benzo(k)fluoranthene	23.241	252	23890	0.396	ng	97
39) Benzo(a)pyrene	23.838	252	22612	0.384	ng	96
40) Dibenzo(a,h)anthracene	26.539	278	24336	0.392	ng	97
41) Benzo(g,h,i)perylene	27.331	276	25142	0.392	ng	97

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

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