Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
Data File : BN029972.D
Acq On : 24 Feb 2024 01:04
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 24 02:24:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4785	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	12971	0.400	ng	-0.02
13) Acenaphthene-d10	14.500	164	6724	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	14003	0.400	ng	0.00
29) Chrysene-d12	21.456	240	10037	0.400	ng	# 0.00
35) Perylene-d12	23.818	264	9143	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4994	0.434	ng	0.00
5) Phenol-d6	7.024	99	5668	0.427	ng	-0.01
8) Nitrobenzene-d5	9.025	82	4481	0.415	ng	-0.01
11) 2-Methylnaphthalene-d10	12.246	152	7474	0.423	ng	-0.01
14) 2,4,6-Tribromophenol	16.002	330	1087	0.504	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	10697	0.371	ng	-0.01
27) Fluoranthene-d10	19.289	212	14038	0.414	ng	0.00
31) Terphenyl-d14	19.898	244	10117	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2642	0.392	ng	97
3) n-Nitrosodimethylamine	3.687	42	2455	0.447	ng	# 90
6) bis(2-Chloroethyl)ether	7.298	93	5368	0.424	ng	98
9) Naphthalene	10.701	128	14577	0.394	ng	99
10) Hexachlorobutadiene	10.979	225	2870	0.410	ng	# 100
12) 2-Methylnaphthalene	12.318	142	8812	0.406	ng	99
16) Acenaphthylene	14.212	152	11642	0.365	ng	100
17) Acenaphthene	14.554	154	8246	0.385	ng	99
18) Fluorene	15.542	166	10535	0.392	ng	100
20) 4,6-Dinitro-2-methylph...	15.654	198	761	0.370	ng	86
21) 4-Bromophenyl-phenylether	16.448	248	3266	0.392	ng	# 90
22) Hexachlorobenzene	16.548	284	4026	0.394	ng	95
23) Atrazine	16.734	200	2604	0.439	ng	98
24) Pentachlorophenol	16.908	266	1453	0.448	ng	97
25) Phenanthrene	17.293	178	15539	0.375	ng	100
26) Anthracene	17.392	178	13363	0.379	ng	99
28) Fluoranthene	19.322	202	17967	0.386	ng	99
30) Pyrene	19.680	202	18202	0.394	ng	100
32) Benzo(a)anthracene	21.438	228	12536	0.366	ng	99
33) Chrysene	21.492	228	15415	0.396	ng	99
34) Bis(2-ethylhexyl)phtha...	21.384	149	8636	0.370	ng	99
36) Indeno(1,2,3-cd)pyrene	26.273	276	14098	0.384	ng	92
37) Benzo(b)fluoranthene	23.101	252	13309	0.407	ng	99
38) Benzo(k)fluoranthene	23.148	252	13853	0.405	ng	99
39) Benzo(a)pyrene	23.715	252	11362	0.399	ng	98
40) Dibenzo(a,h)anthracene	26.311	278	11387	0.389	ng	98
41) Benzo(g,h,i)perylene	27.013	276	13399	0.376	ng	97

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

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